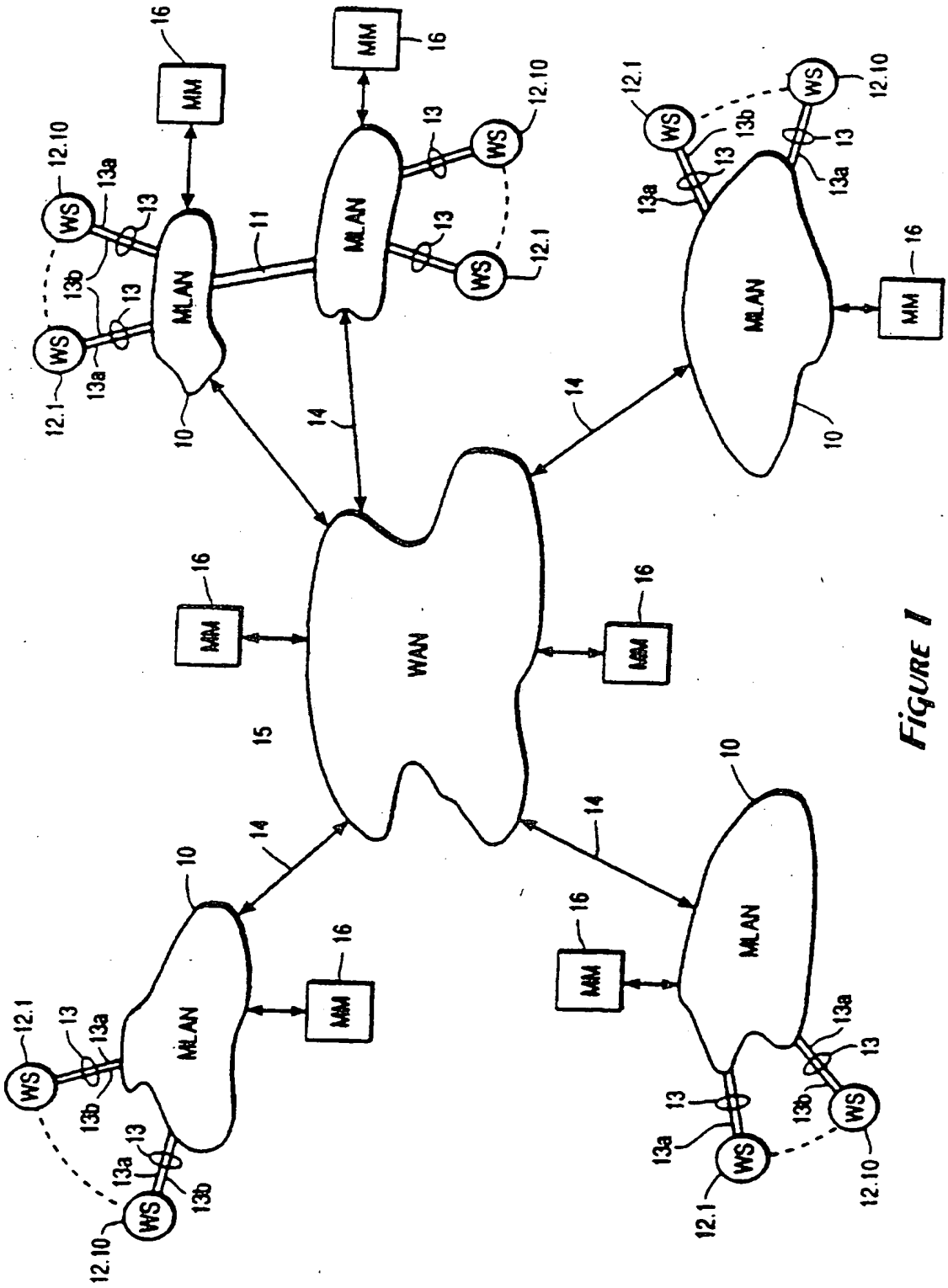


FIGURE 1

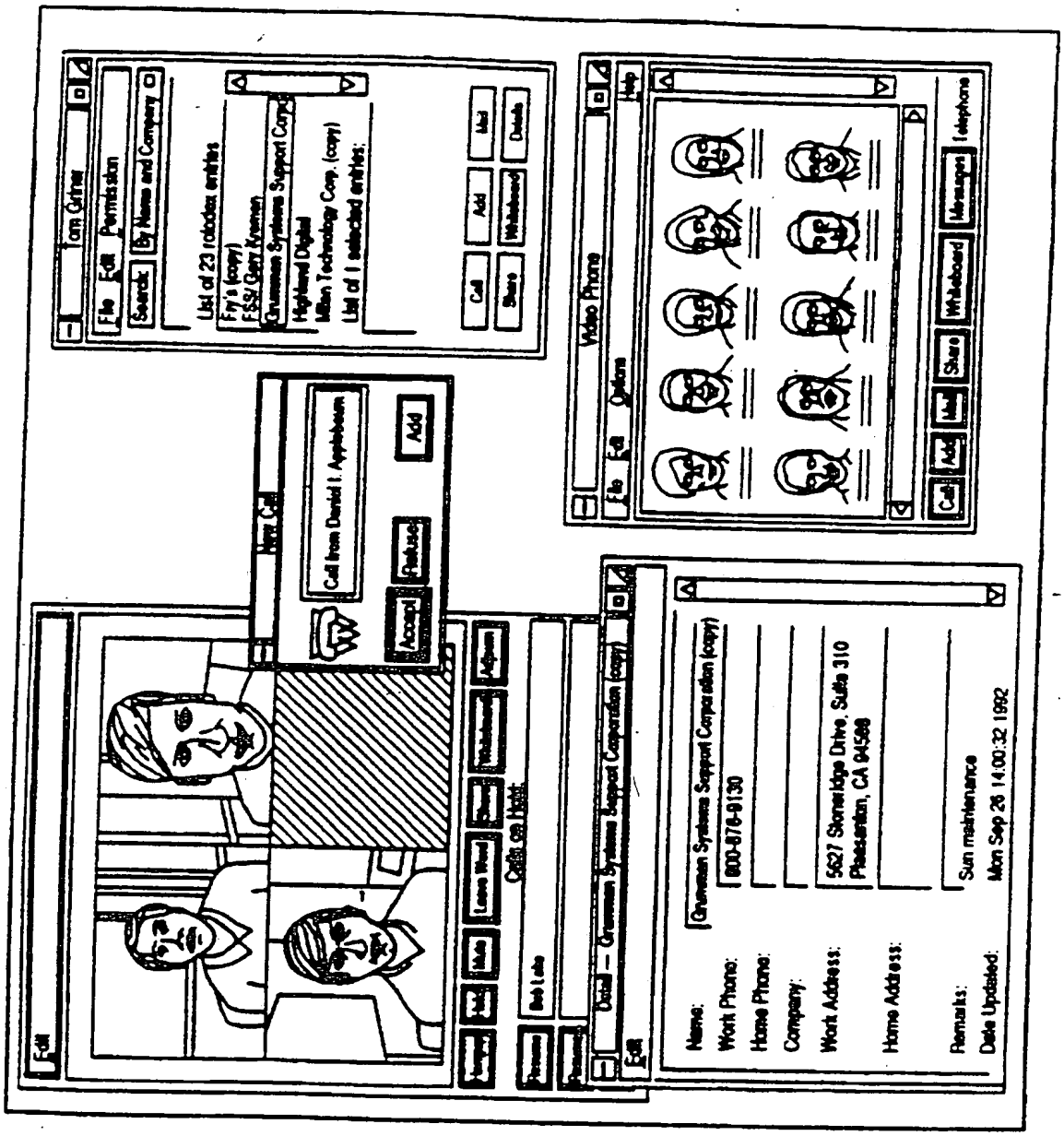
Tom Grimes
File Edit Permission
Search:
By Name and Company
List of 23 rolodex entries:
Fry's (copy)
FSS/ Gant Keenan
Cinnamon Systems Support Corp
Highland Digital
Milan Technology Corp. (copy)
List of 1 selected entries:
Call
Add
Mail
Delete
Share
Whiteboard
Video Phone
File Edit Options
Help
Call
Add
Mail
Share
Whiteboard
Messages
Telephone
Edit
Name:
Work Phone:
Home Phone:
Company:
Work Address:
Home Address:
Remarks:
Date Updated:
Cinnamon Systems Support Corporation (copy)
800-878-9130
5627 Stoneridge Drive, Suite 310
Pleasanton, CA 94588
Sun maintenance
Mon Sep 28 14:00:32 1992
Detail – Cinnamon Systems Support Corporation (copy)
Edit
Bob Lake
Calls on Hold:
Answer
Hold
Mute
Leave Word
Phone
Whiteboard
Add Item
Answer
Reject
Add
Call from Daniel I. Applebaum
Name Call

FIGURE 2A

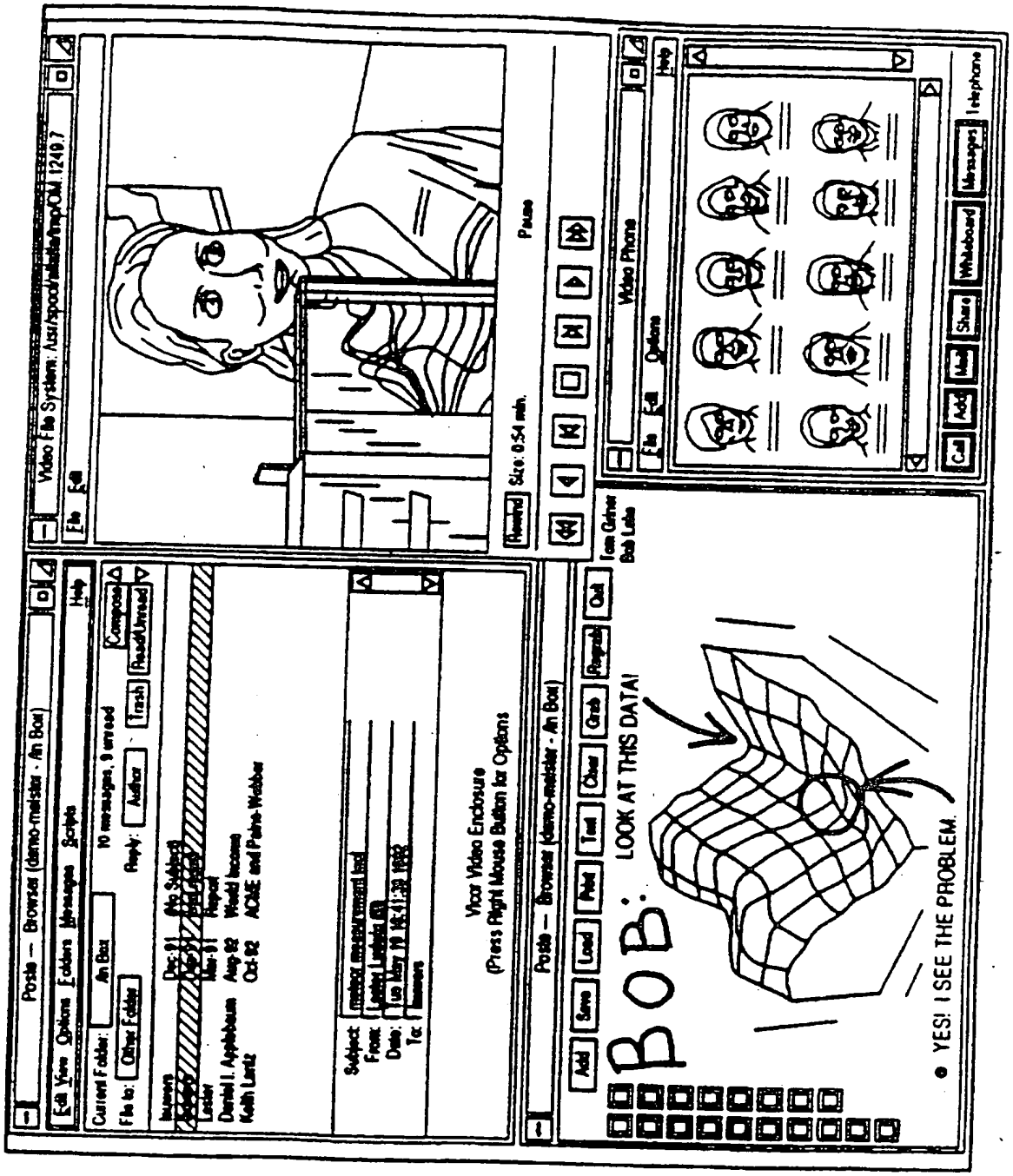
Video File System: /usr/spool/data/tmpOM.1249.7
Video Phone
Call
Add
Mail
Share
Whiteboard
Messages
Telephone
Poste — Browser (demo-meister - An Box)
Add
Save
Load
Print
Text
Clear
Grab
Paging
Quit
BOB:
LOOK AT THIS DATA!
YES! I SEE THE PROBLEM.

FIGURE 2B

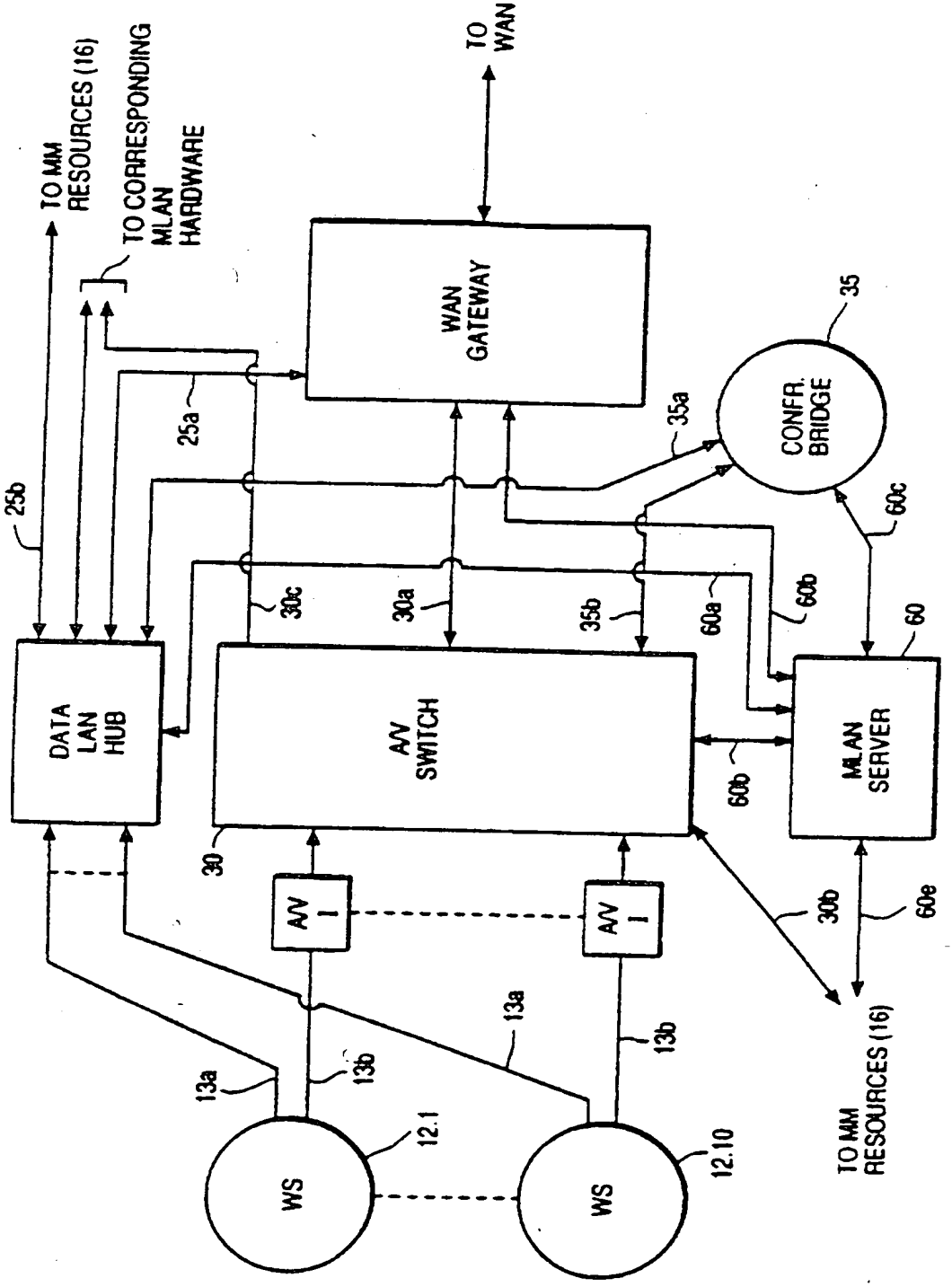
TO WAN
TO MM RESOURCES (16)
TO CORRESPONDING MLAN HARDWARE
WAN GATEWAY
CONFR. BRIDGE
35
35a
25a
25b
60c
30c
30a
35b
60a
60b
DATA LAN HUB
A/V SWITCH
MLAN SERVER
60
30
A/V I
A/V I
30b
60e
13a
13b
13a
13b
WS
12.1
WS
12.10
TO MM RESOURCES (16)

FIGURE 3

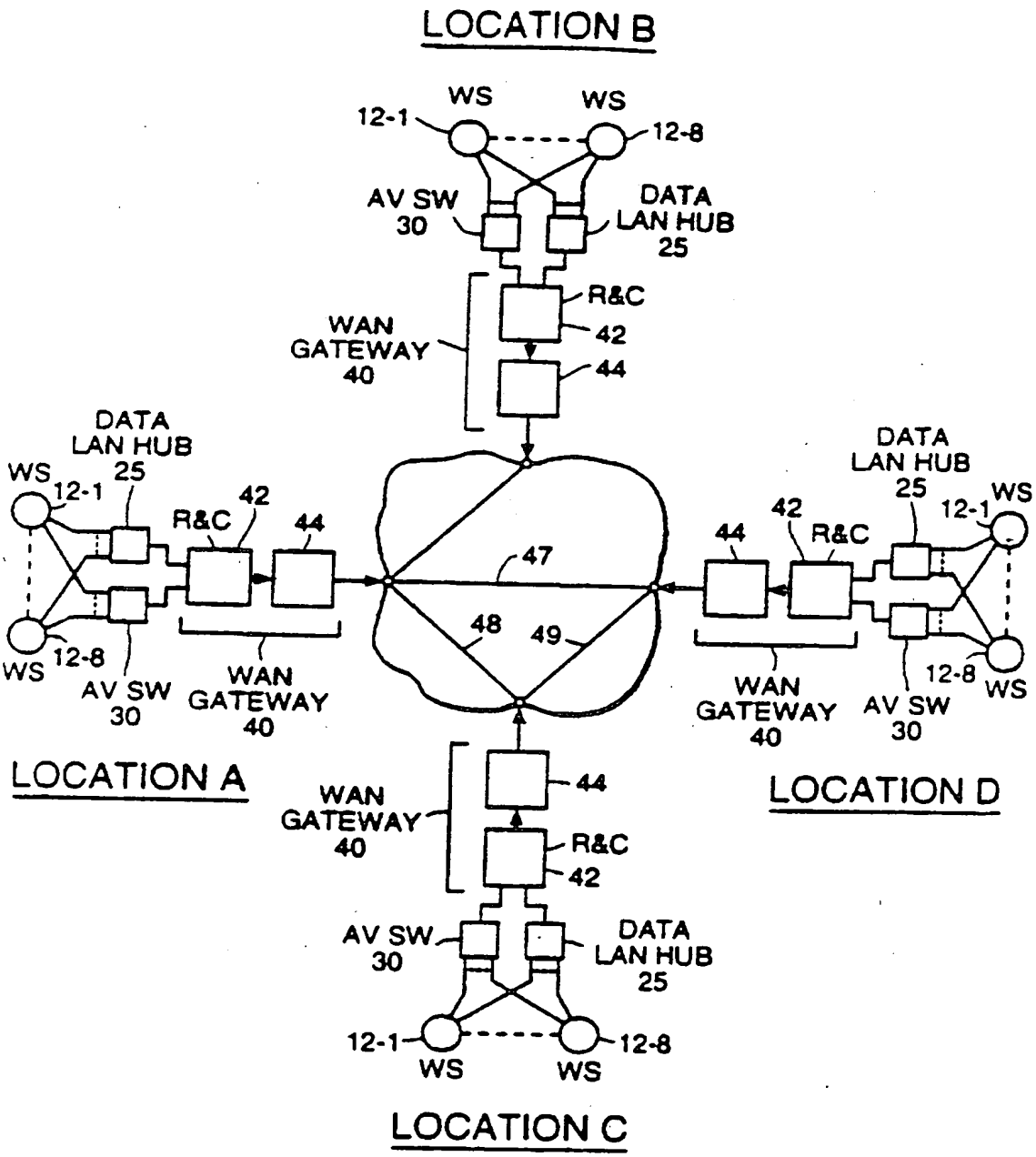
LOCATION B
WS
WS
12-1
12-8
AV SW
30
DATA
LAN HUB
25
R&C
42
WAN
GATEWAY
40
44
DATA
LAN HUB
25
WS
12-1
R&C
42
44
47
48
49
WS
12-8
AV SW
30
WAN
GATEWAY
40
LOCATION A
LOCATION D
WAN
GATEWAY
40
44
R&C
42
AV SW
30
DATA
LAN HUB
25
12-1
WS
12-8
WS
LOCATION C

FIGURE 4

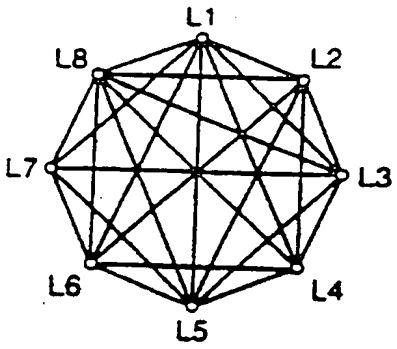


FIGURE 5

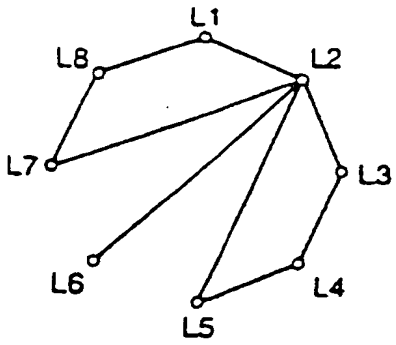


FIGURE 6

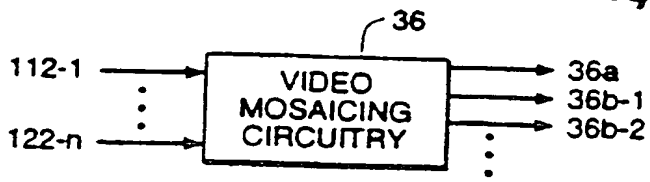


FIGURE 7

FIGURE 9

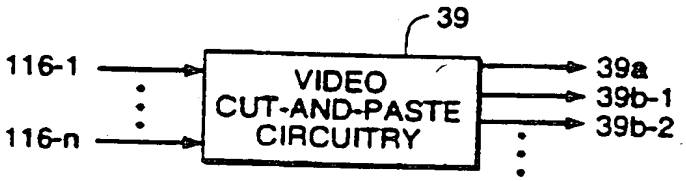


FIGURE 10

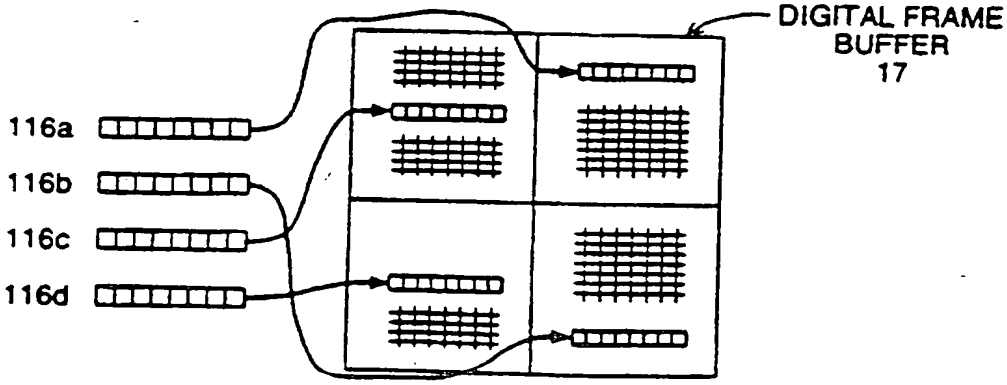


FIGURE 11

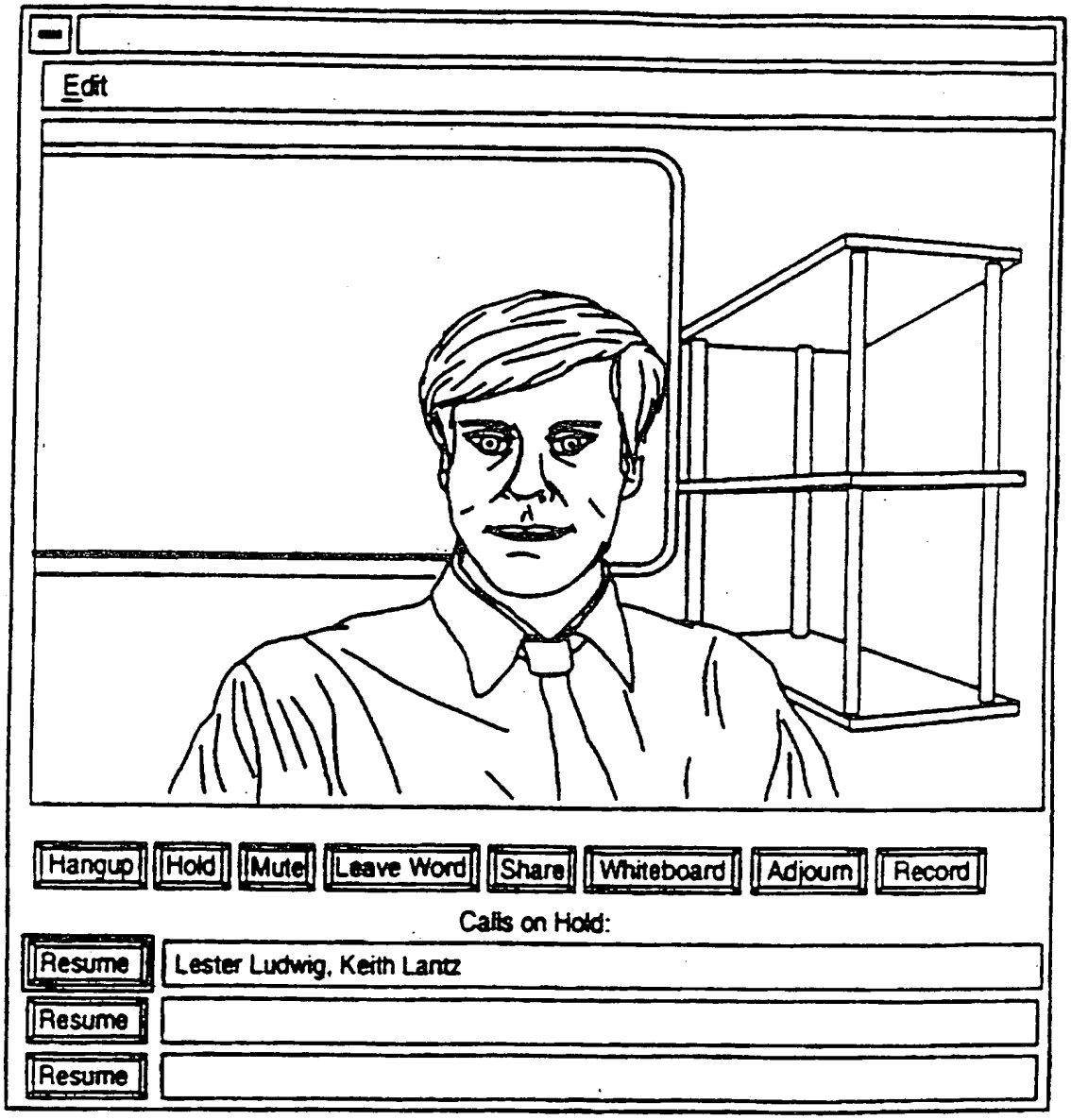
Edit
Hangup
Hold
Mute
Leave Word
Share
Whiteboard
Adjourn
Record
Calls on Hold:
Resume
Lester Ludwig, Keith Lantz
Resume
Resume

FIGURE 8A

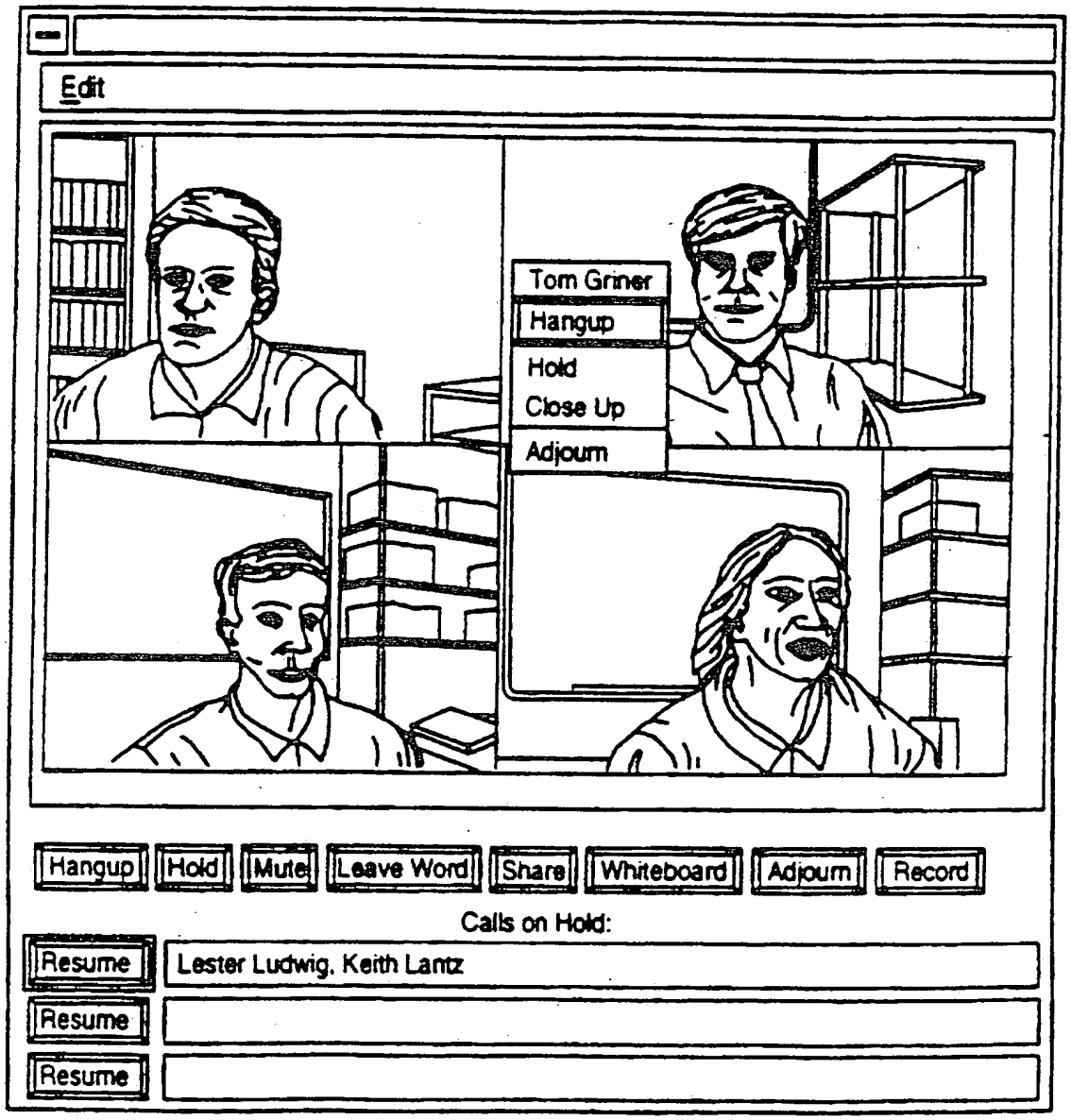
Edit
Tom Griner
Hangup
Hold
Close Up
Adjourn
Hangup
Hold
Mute
Leave Word
Share
Whiteboard
Adjourn
Record
Calls on Hold:
Resume
Lester Ludwig, Keith Lantz
Resume
Resume

FIGURE 8B

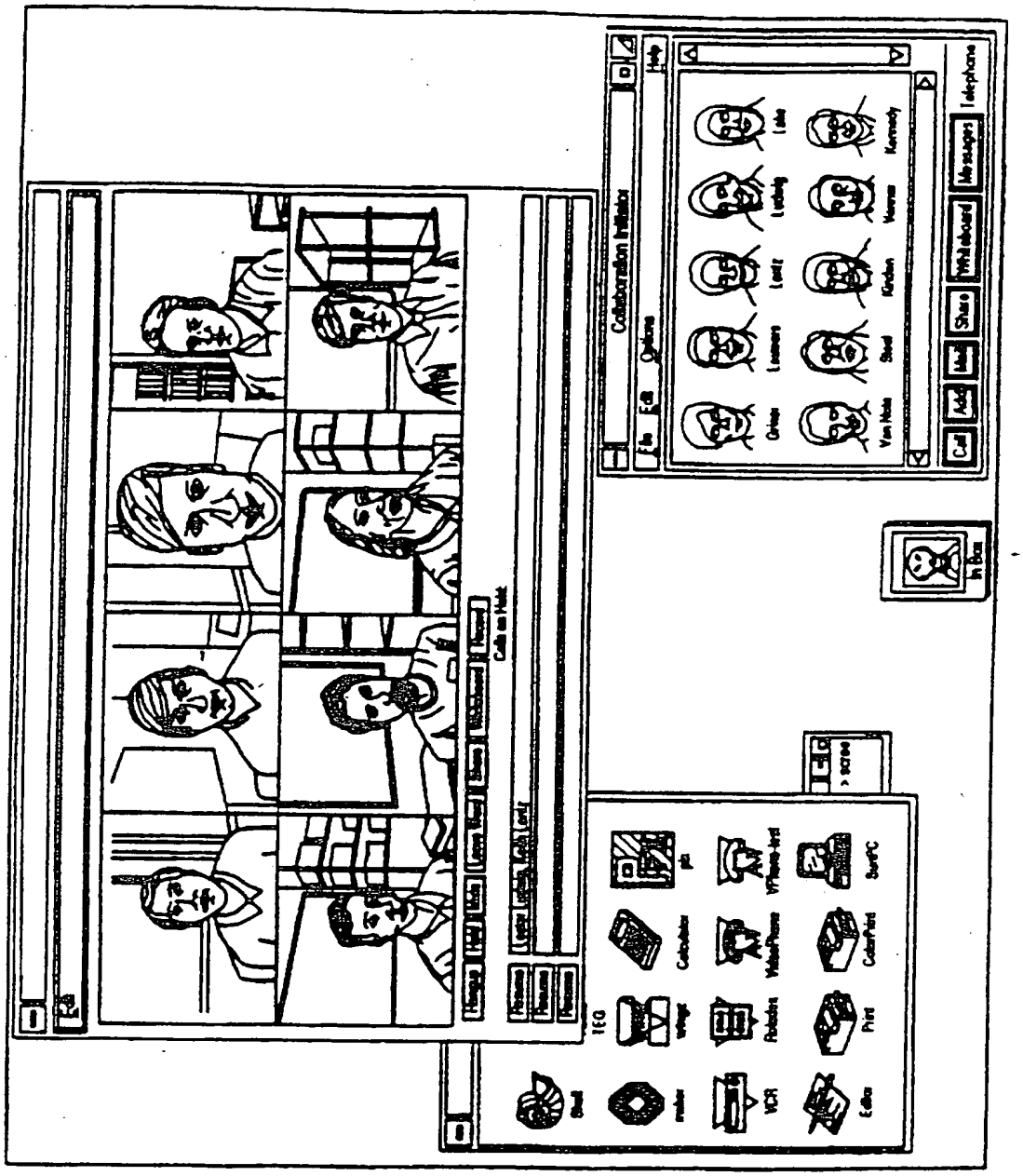

FIGURE 8C

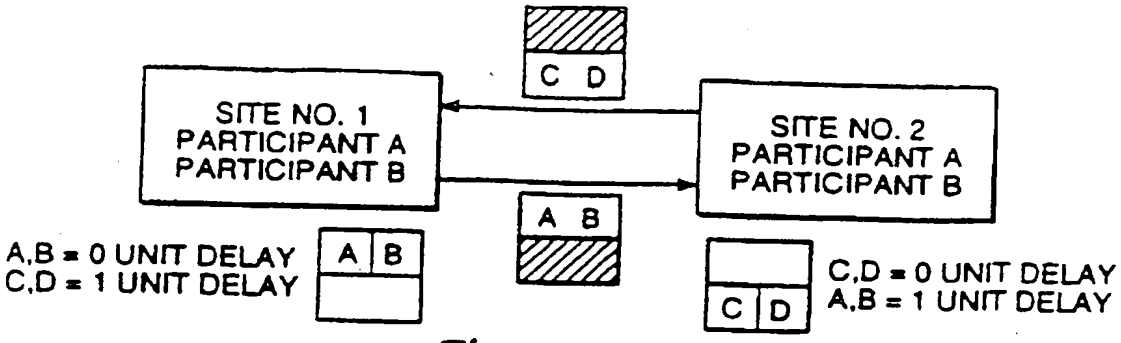


FIGURE 12A

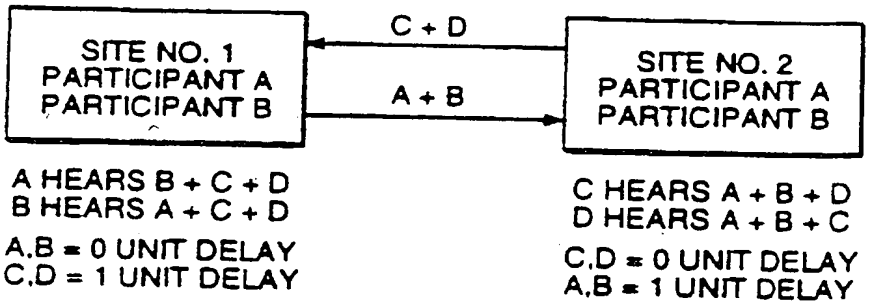


FIGURE 12B

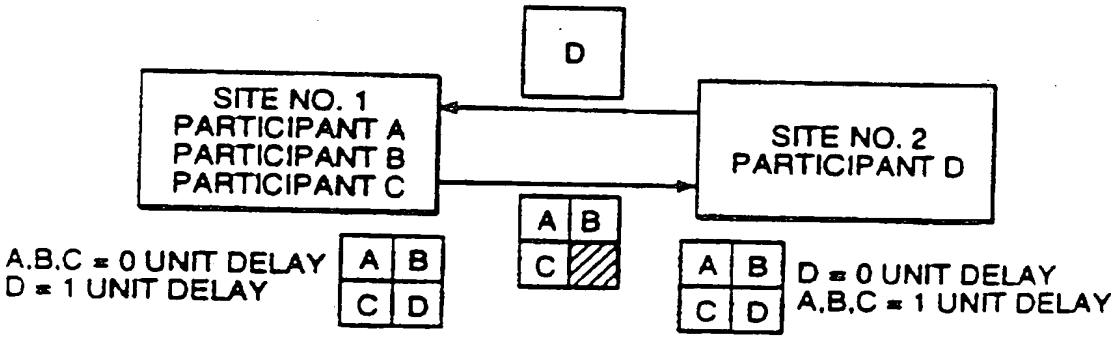


FIGURE 13A

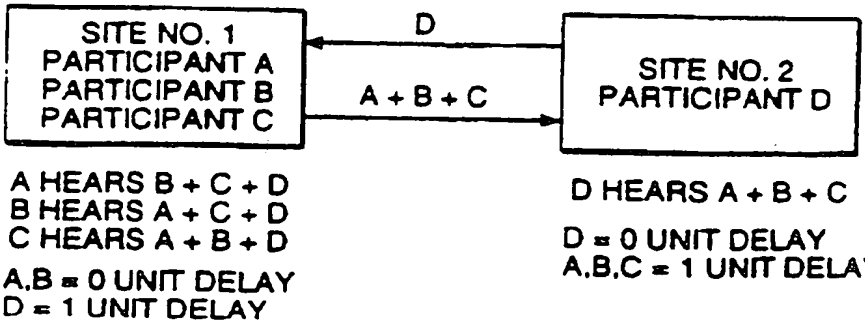


FIGURE 13B

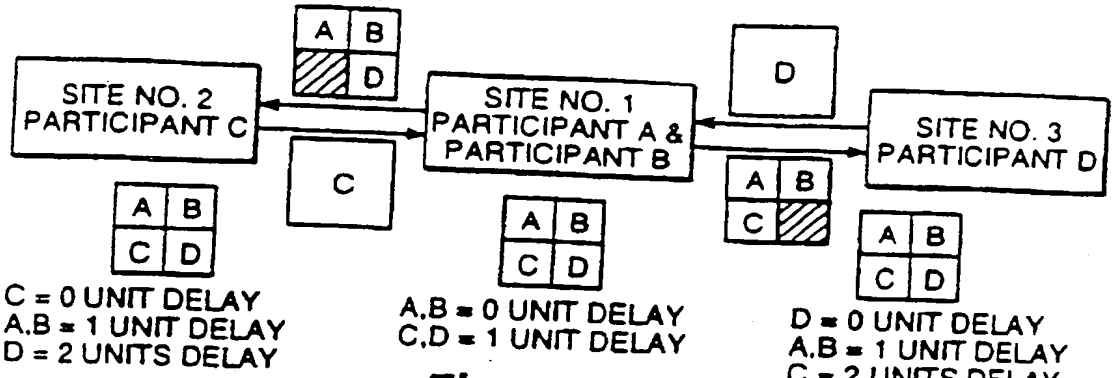


FIGURE 14A

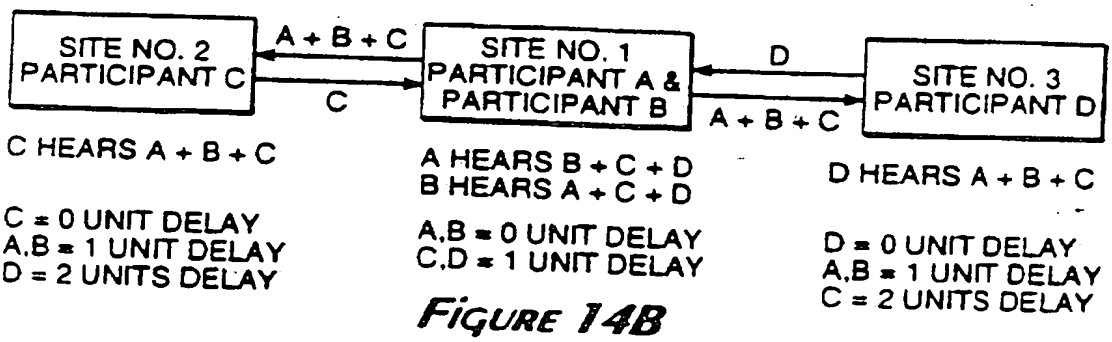


FIGURE 14B

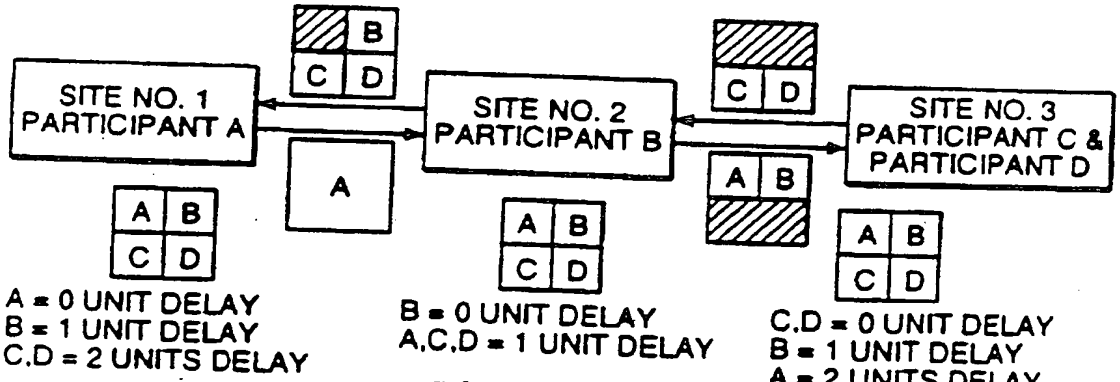


FIGURE 15A

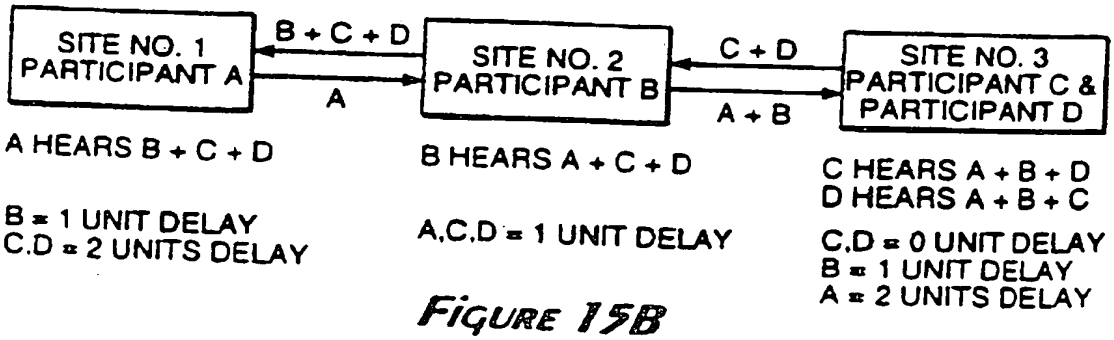


FIGURE 15B

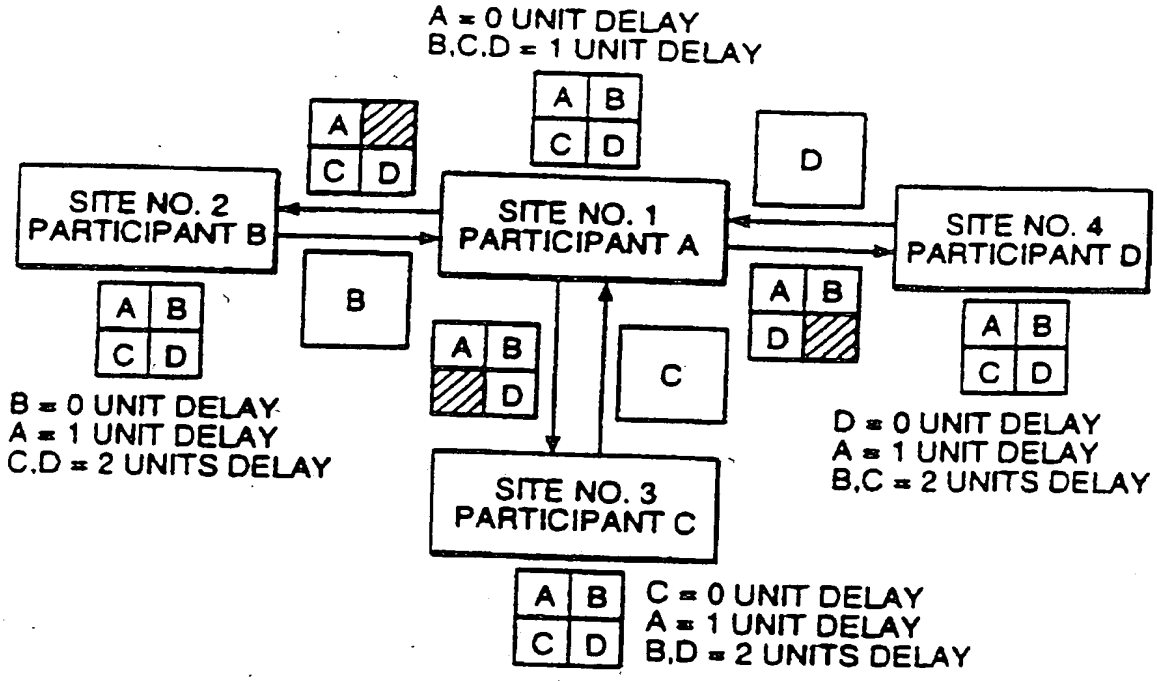
A = 0 UNIT DELAY
B,C,D = 1 UNIT DELAY
SITE NO. 2
PARTICIPANT B
SITE NO. 1
PARTICIPANT A
SITE NO. 4
PARTICIPANT D
SITE NO. 3
PARTICIPANT C
B = 0 UNIT DELAY
A = 1 UNIT DELAY
C,D = 2 UNITS DELAY
D = 0 UNIT DELAY
A = 1 UNIT DELAY
B,C = 2 UNITS DELAY
C = 0 UNIT DELAY
A = 1 UNIT DELAY
B,D = 2 UNITS DELAY

FIGURE 16

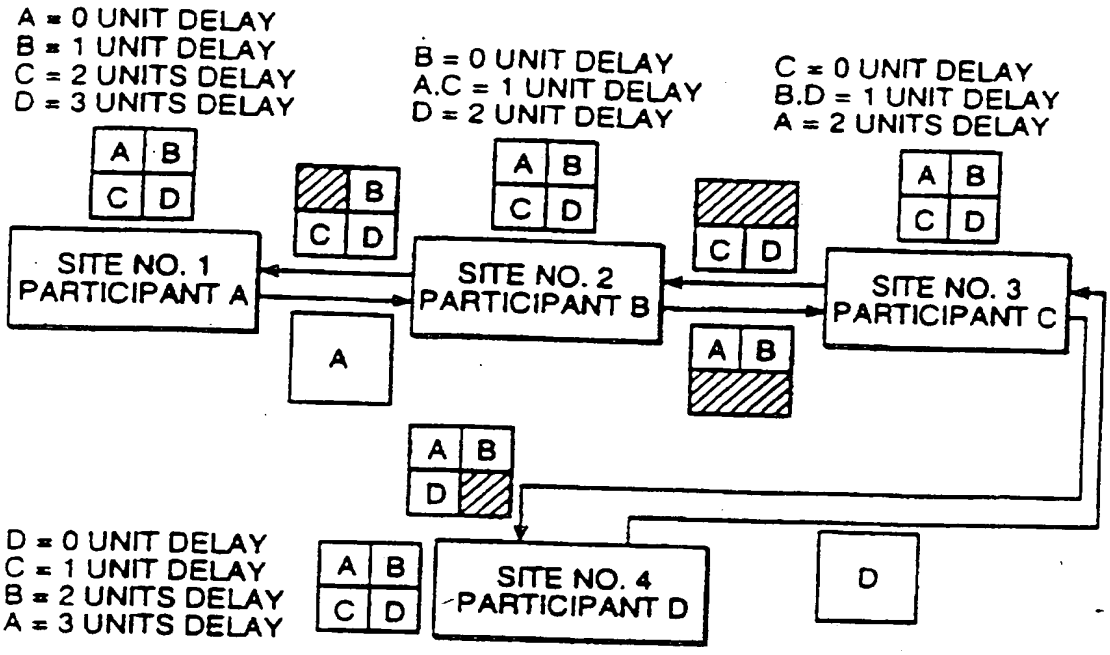


FIGURE 17A

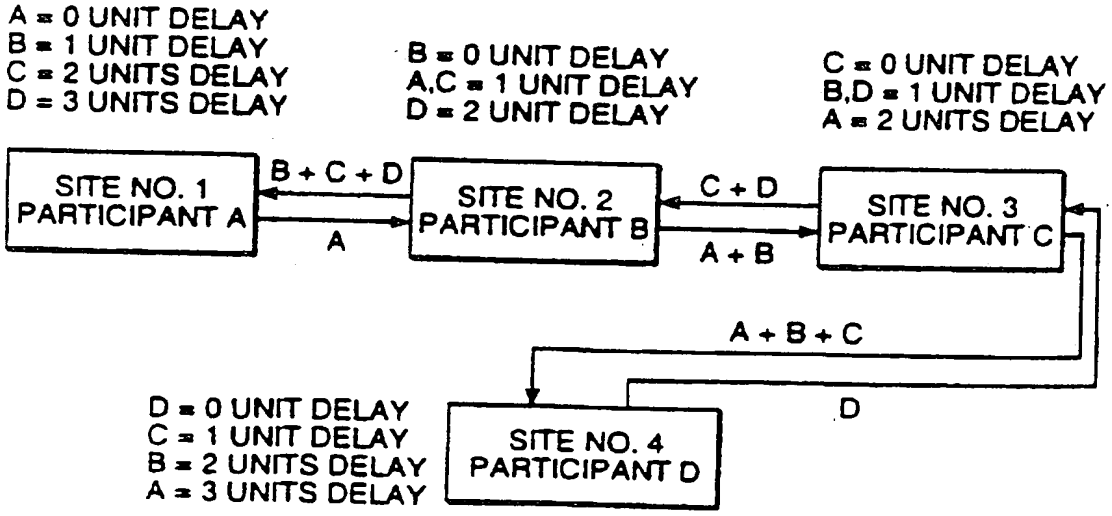


FIGURE 17B

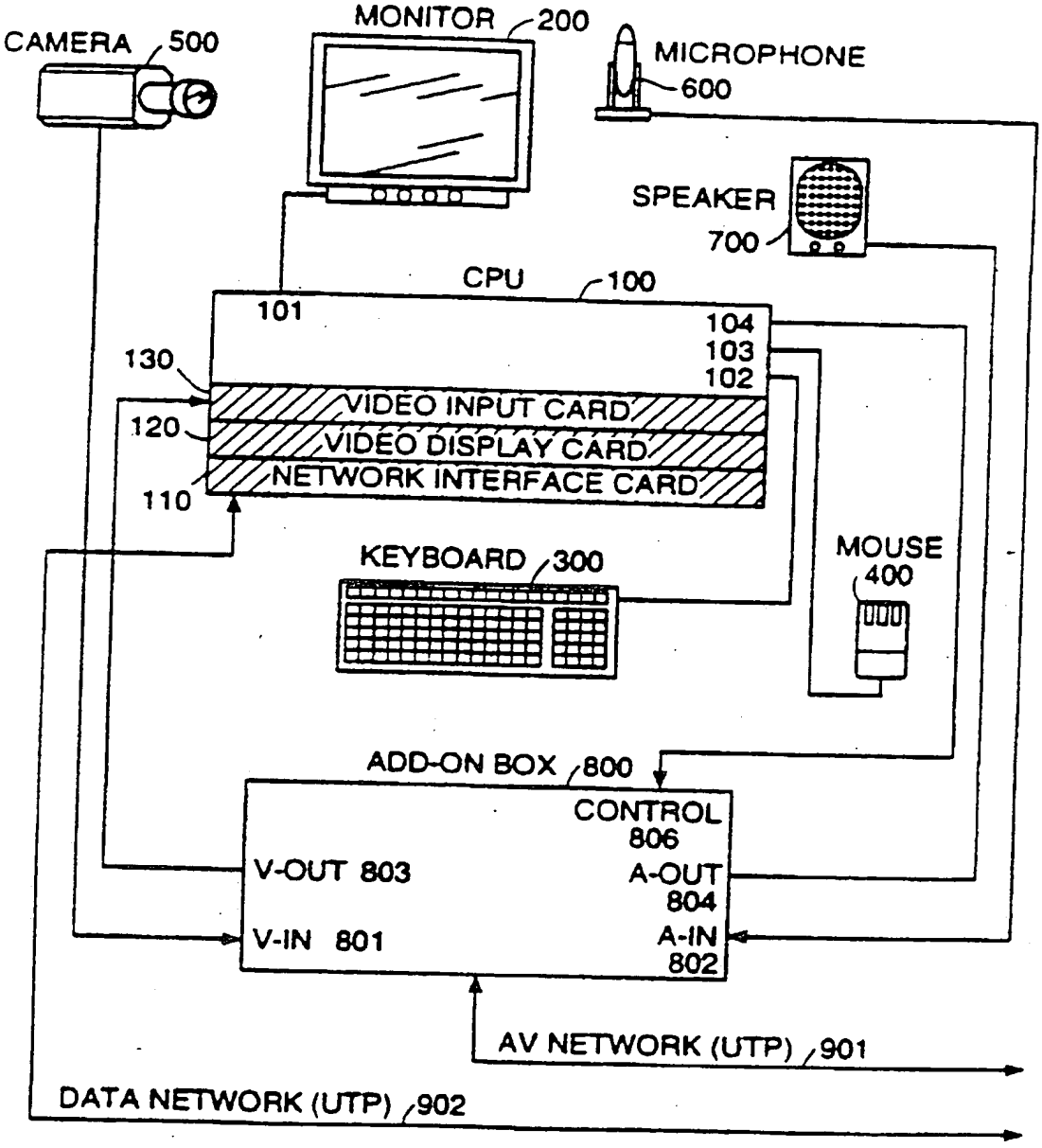
CAMERA 500
MONITOR 200
MICROPHONE 600
SPEAKER 700
CPU 100
101
104
103
102
130
VIDEO INPUT CARD
120
VIDEO DISPLAY CARD
NETWORK INTERFACE CARD
110
KEYBOARD 300
MOUSE 400
ADD-ON BOX 800
CONTROL 806
V-OUT 803
A-OUT 804
V-IN 801
A-IN 802
AV NETWORK (UTP) 901
DATA NETWORK (UTP) 902

FIGURE 18A

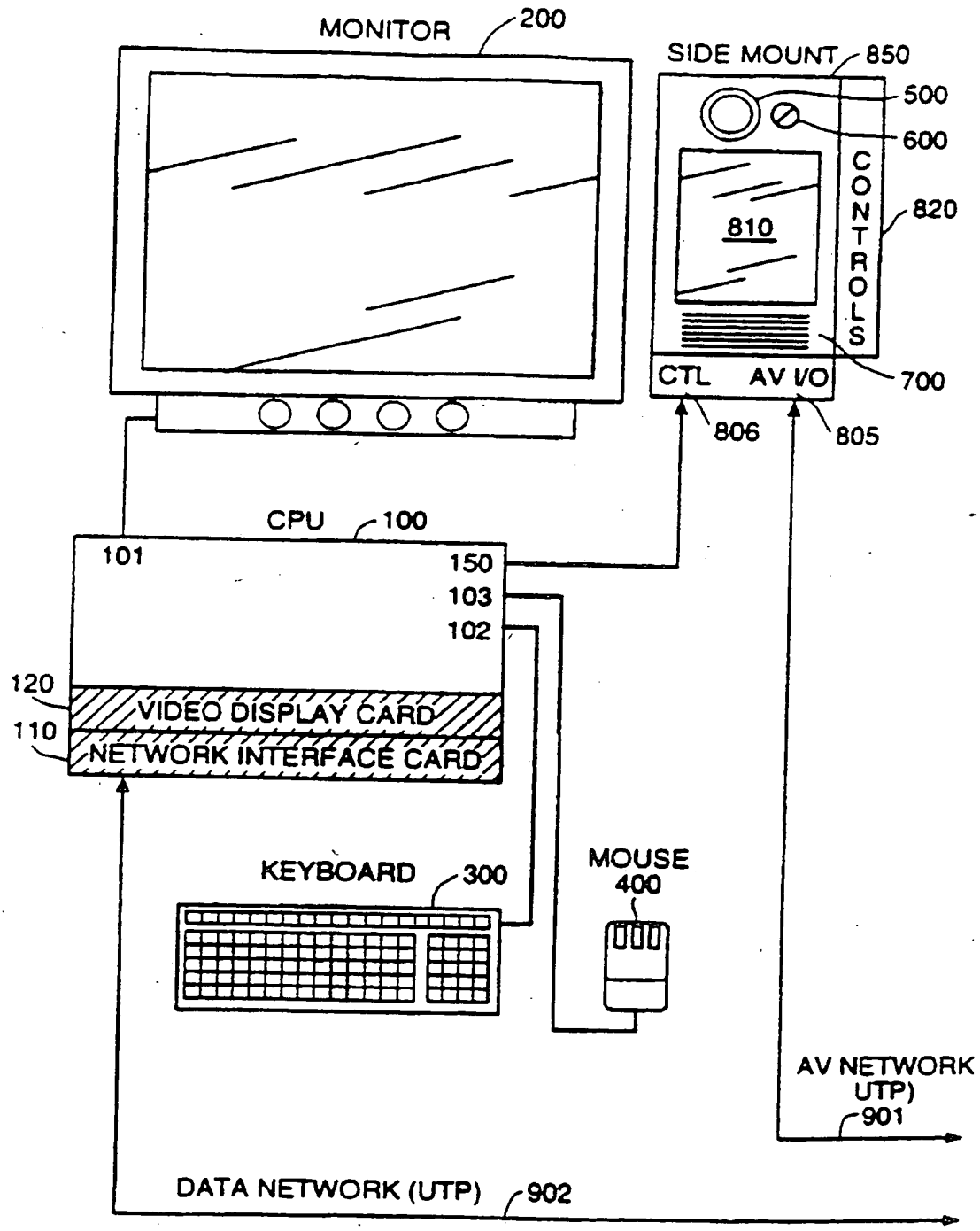
MONITOR
200
SIDE MOUNT
850
500
600
CONTROLS
820
810
CTL
AV I/O
700
806
805
CPU
100
101
150
103
102
120
VIDEO DISPLAY CARD
110
NETWORK INTERFACE CARD
KEYBOARD
300
MOUSE
400
AV NETWORK
UTP)
901
DATA NETWORK (UTP)
902

FIGURE 18B

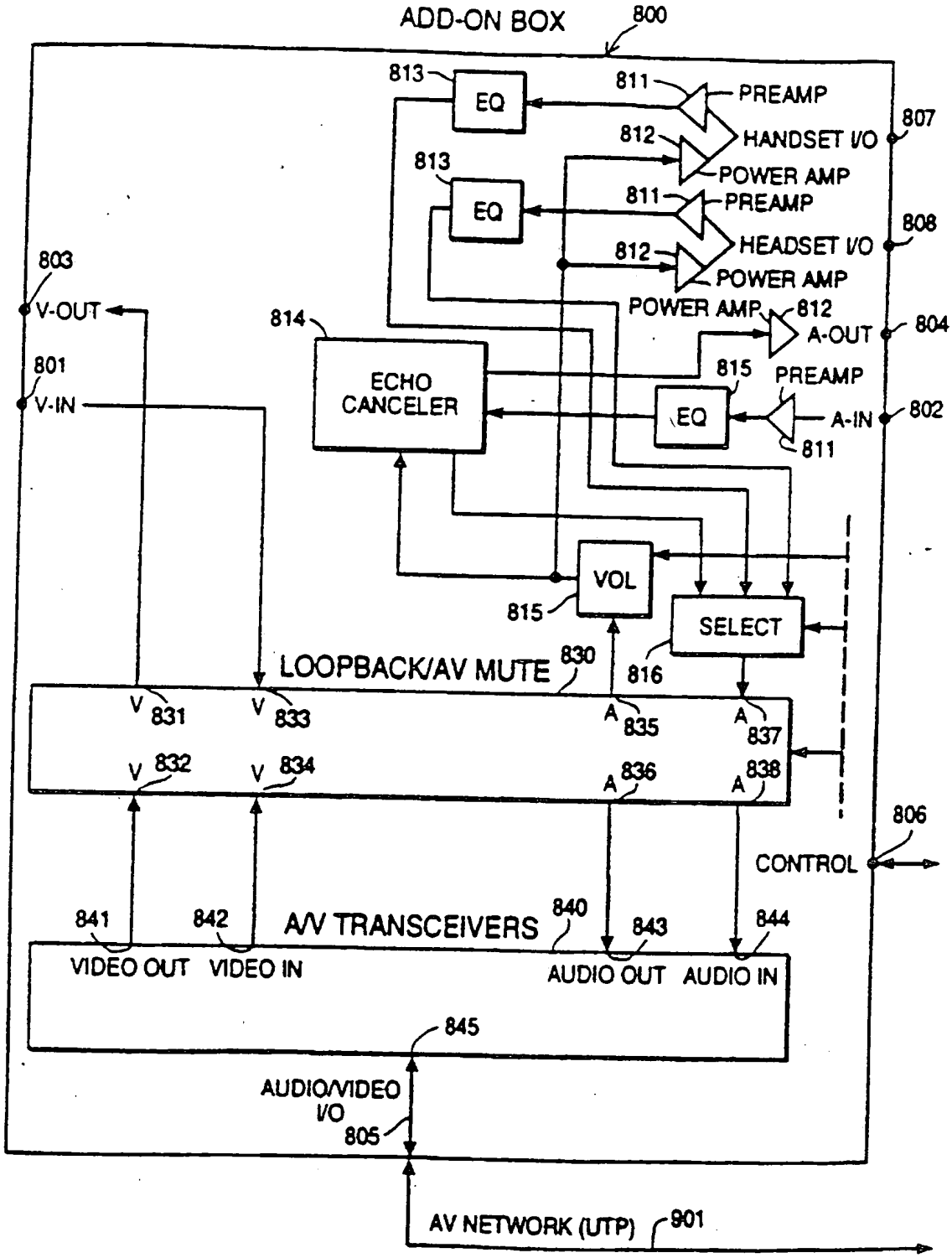
ADD-ON BOX
800
813
EQ
811
PREAMP
807
HANDSET I/O
812
POWER AMP
813
EQ
811
PREAMP
808
HEADSET I/O
812
POWER AMP
POWER AMP
812
A-OUT
804
803
V-OUT
814
ECHO CANCELER
815
EQ
PREAMP
801
V-IN
A-IN
802
811
VOL
815
SELECT
816
LOOPBACK/AV MUTE
830
V 831
V 833
A 835
A 837
V 832
V 834
A 836
A 838
806
CONTROL
841
842
A/V TRANSCEIVERS
840
843
844
VIDEO OUT
VIDEO IN
AUDIO OUT
AUDIO IN
845
AUDIO/VIDEO I/O
805
AV NETWORK (UTP)
901

FIGURE 19

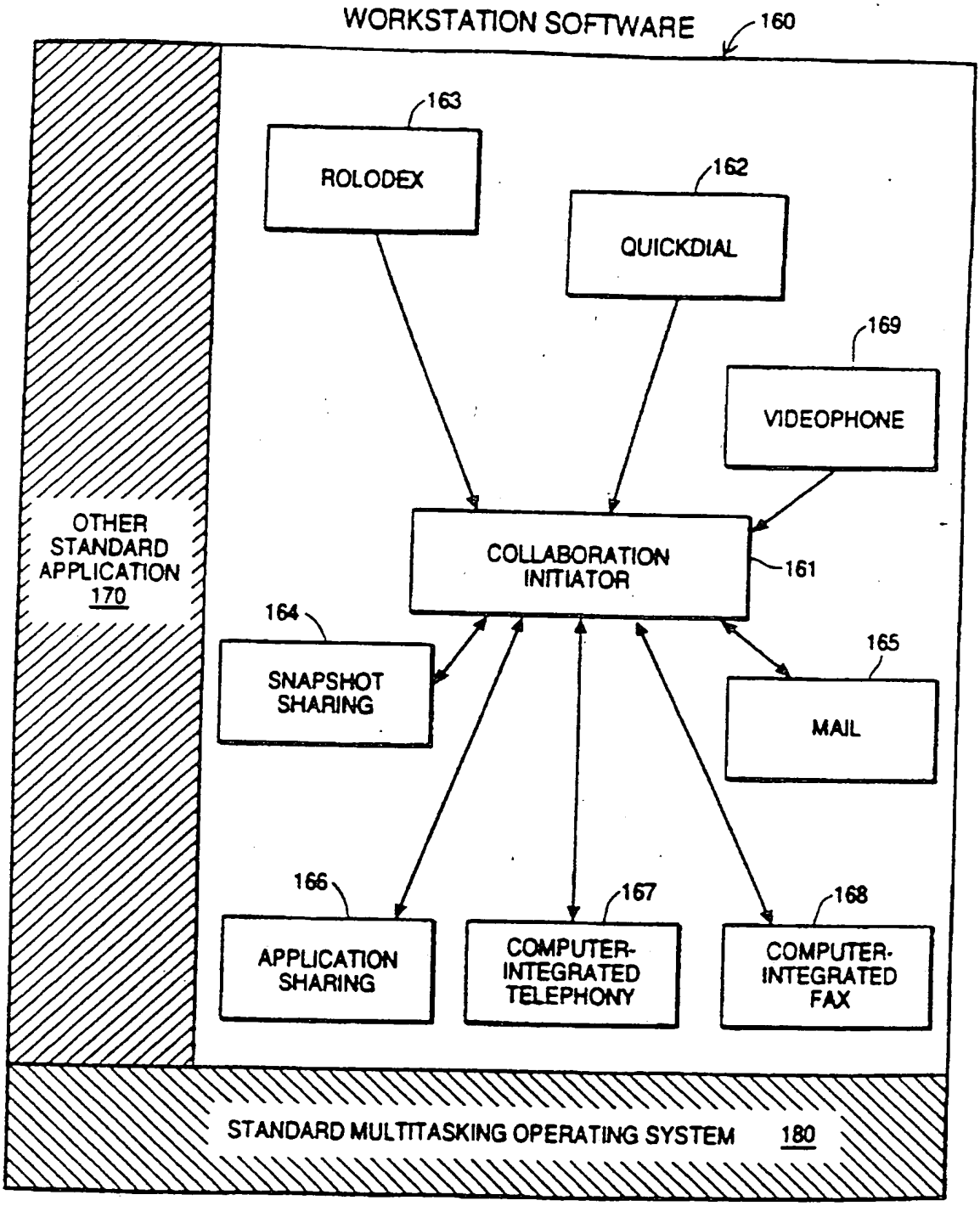
WORKSTATION SOFTWARE
160
163
ROLODEX
162
QUICKDIAL
169
VIDEOPHONE
OTHER STANDARD APPLICATION 170
COLLABORATION INITIATOR
161
164
SNAPSHOT SHARING
165
MAIL
166
APPLICATION SHARING
167
COMPUTER-INTEGRATED TELEPHONY
168
COMPUTER-INTEGRATED FAX
STANDARD MULTITASKING OPERATING SYSTEM 180

FIGURE 20

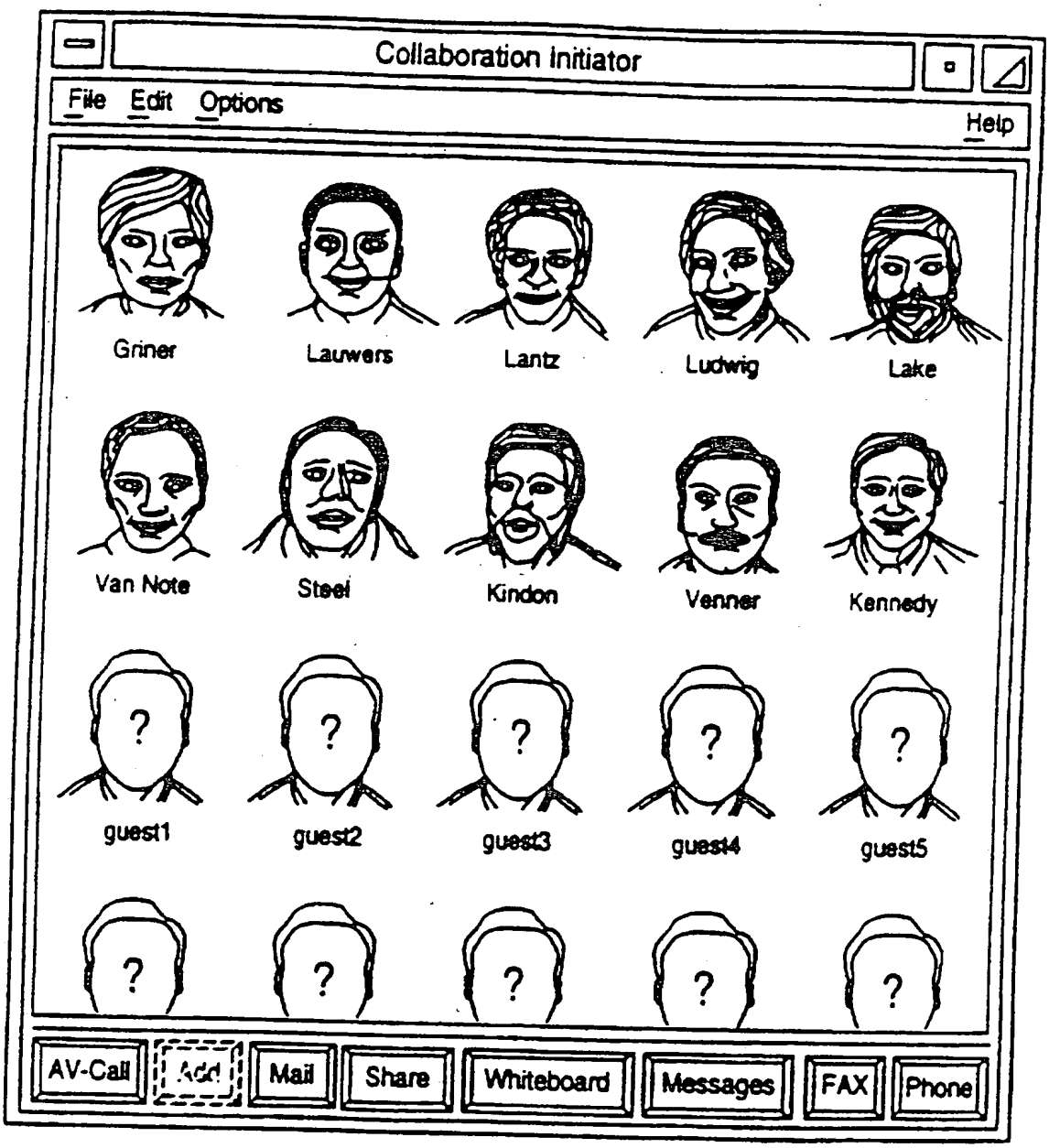
Collaboration Initiator
File Edit Options
Help
Griner
Lauwers
Lantz
Ludwig
Lake
Van Note
Steel
Kindon
Venner
Kennedy
guest1
guest2
guest3
guest4
guest5
AV-Call
Add
Mail
Share
Whiteboard
Messages
FAX
Phone

FIGURE 22

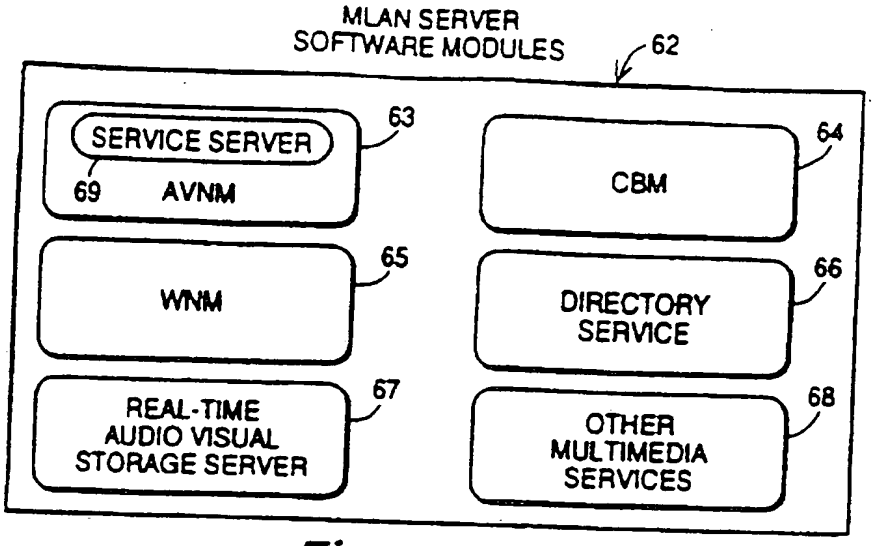


FIGURE 21

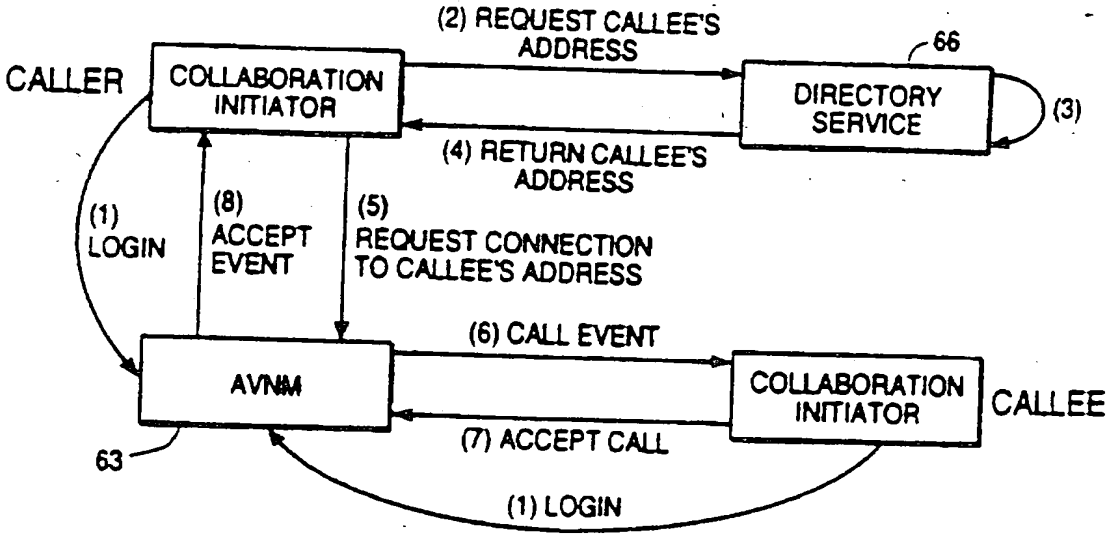


FIGURE 23

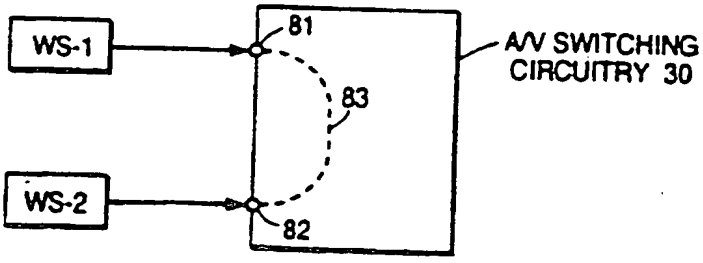


FIGURE 24

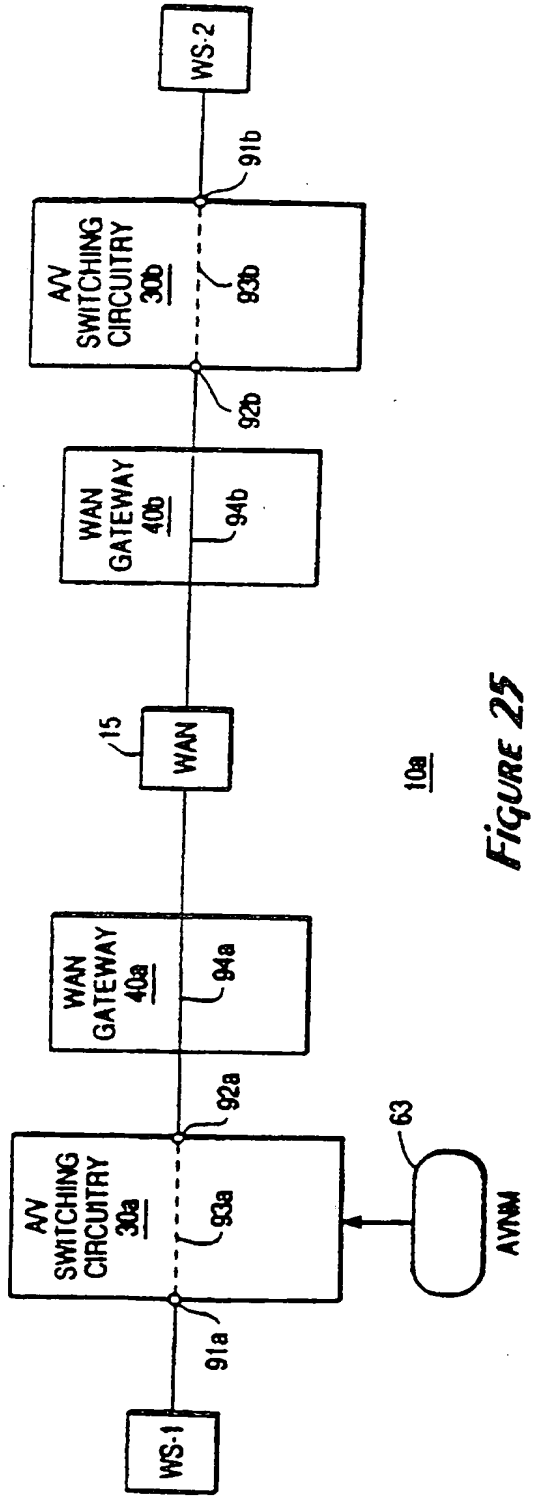


FIGURE 25

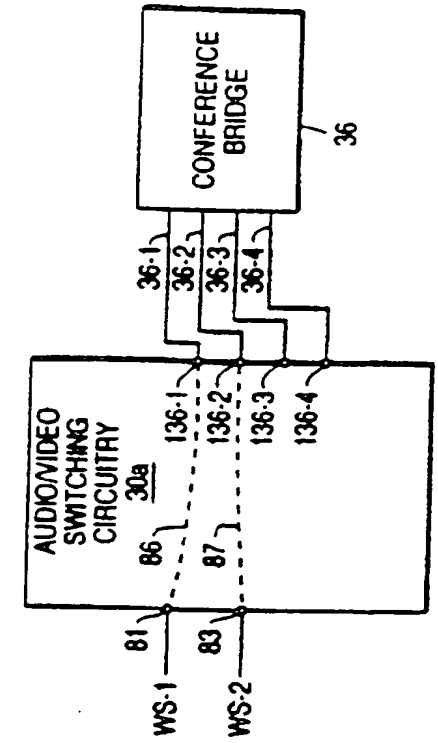


FIGURE 27

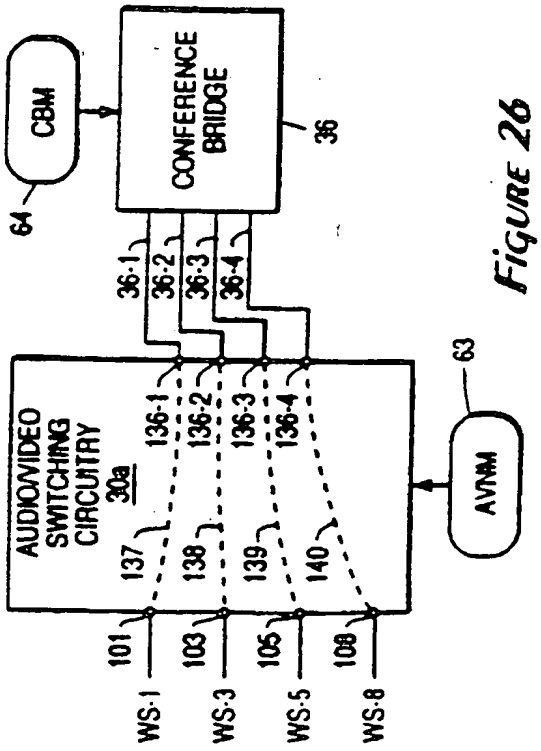


FIGURE 26

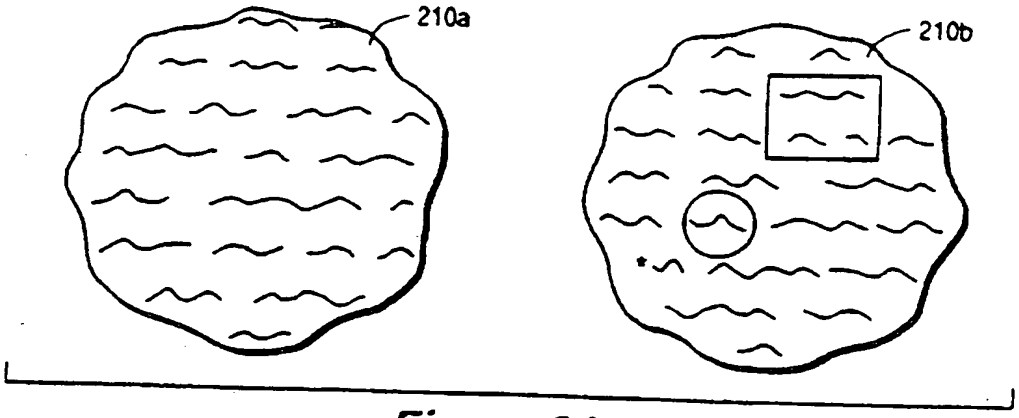


FIGURE 28

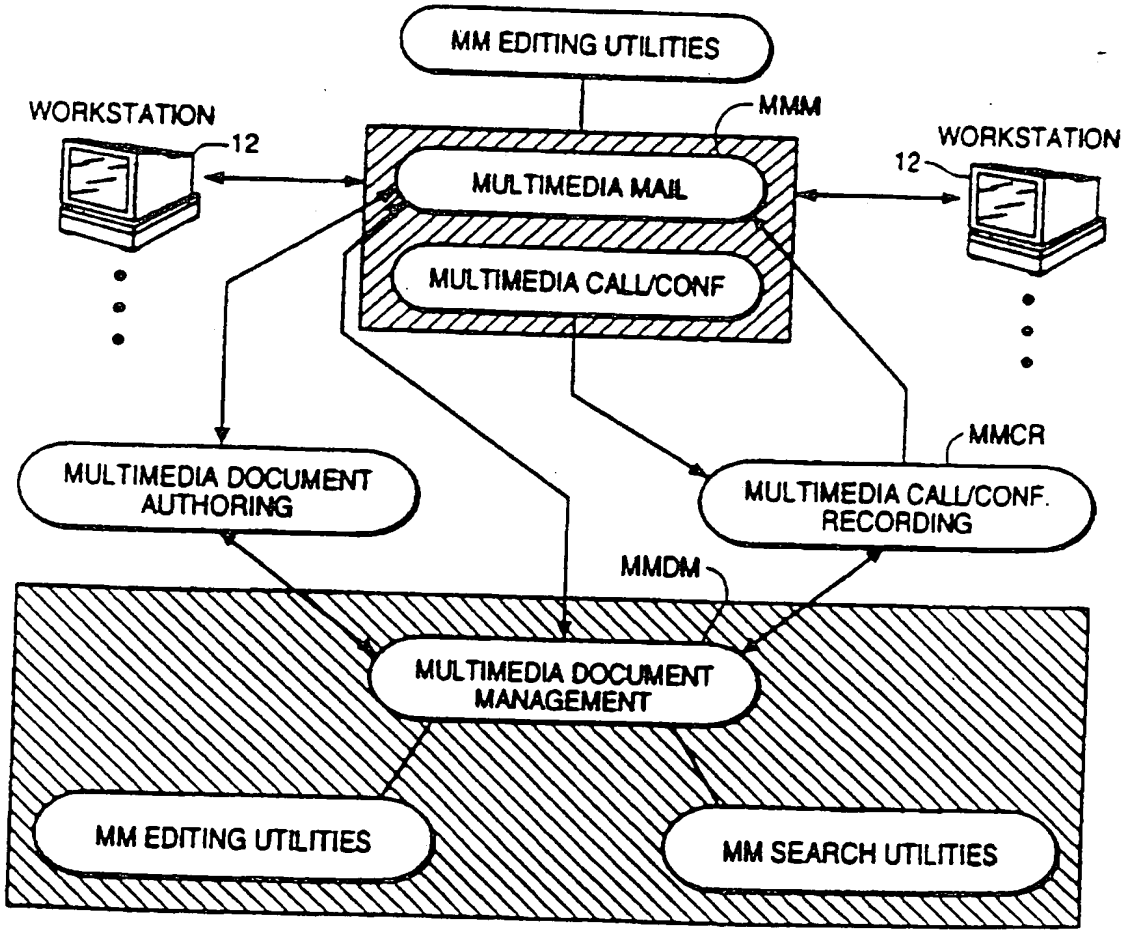


FIGURE 29

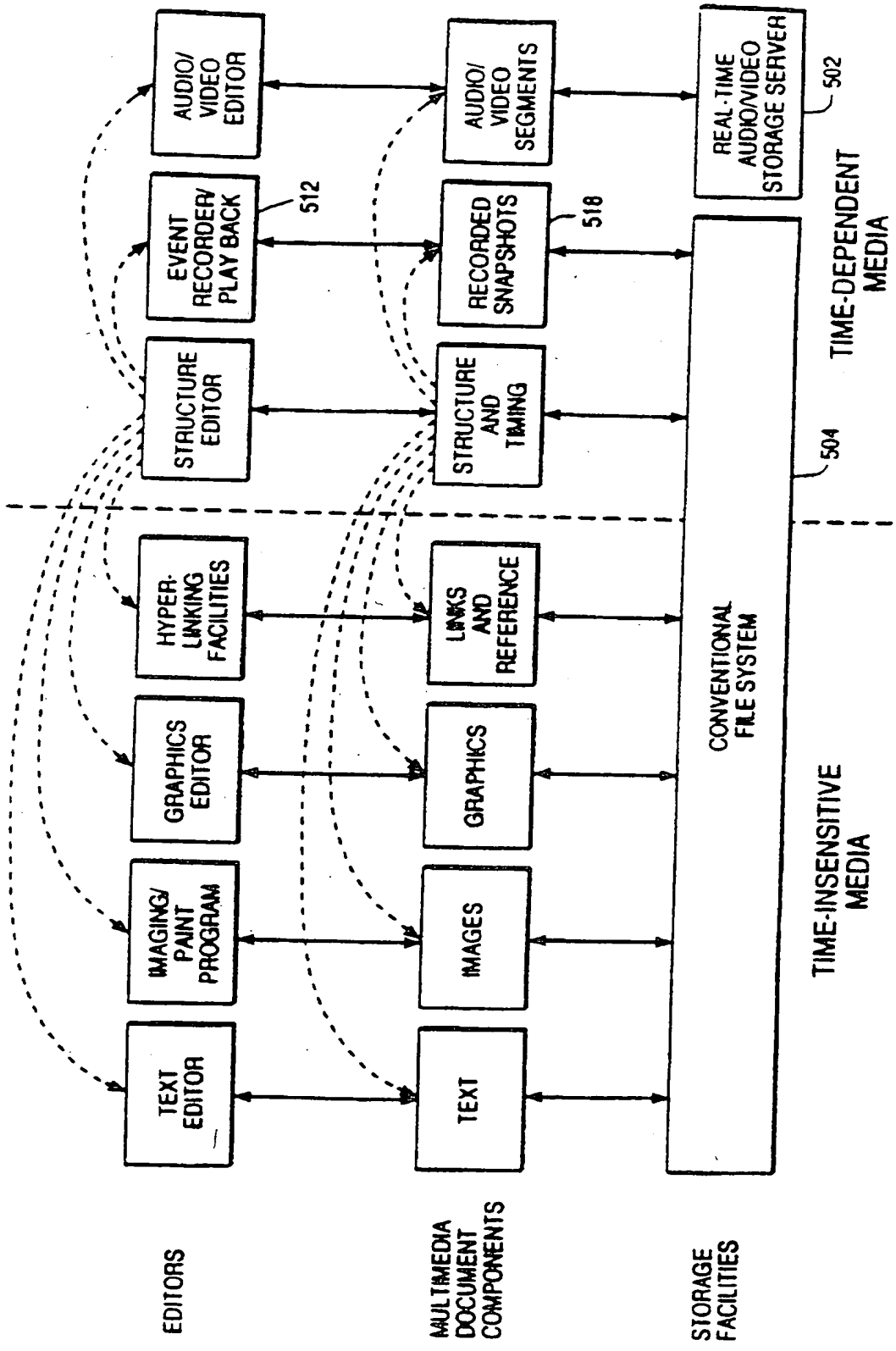
EDITORS
MULTIMEDIA DOCUMENT COMPONENTS
STORAGE FACILITIES
TIME-INSENSITIVE MEDIA
TIME-DEPENDENT MEDIA
TEXT EDITOR
IMAGING/ PAINT PROGRAM
GRAPHICS EDITOR
HYPER-LINKING FACILITIES
STRUCTURE EDITOR
EVENT RECORDER/ PLAY BACK
512
AUDIO/ VIDEO EDITOR
TEXT
IMAGES
GRAPHICS
LINKS AND REFERENCE
STRUCTURE AND TIMING
RECORDED SNAPSHOTS
518
AUDIO/ VIDEO SEGMENTS
CONVENTIONAL FILE SYSTEM
504
REAL-TIME AUDIO/VIDEO STORAGE SERVER
502

FIGURE 30

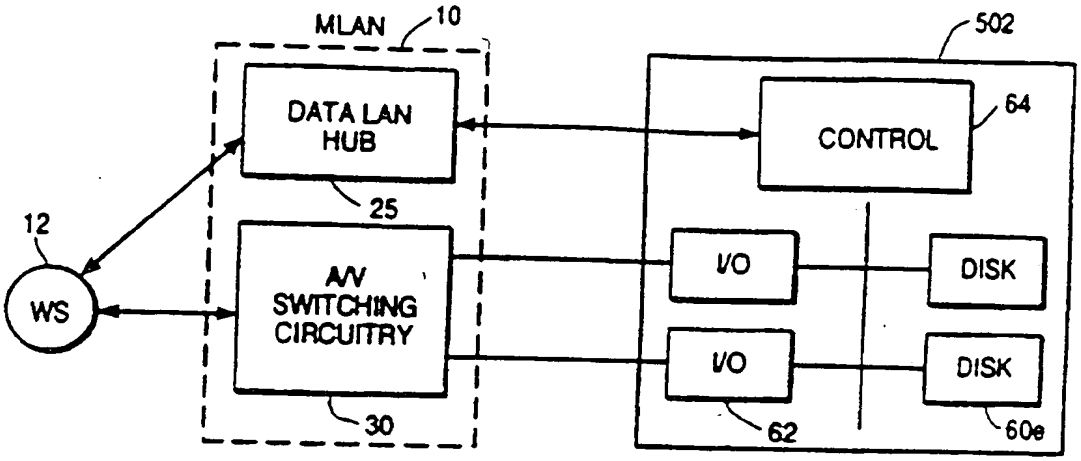


FIGURE 31A

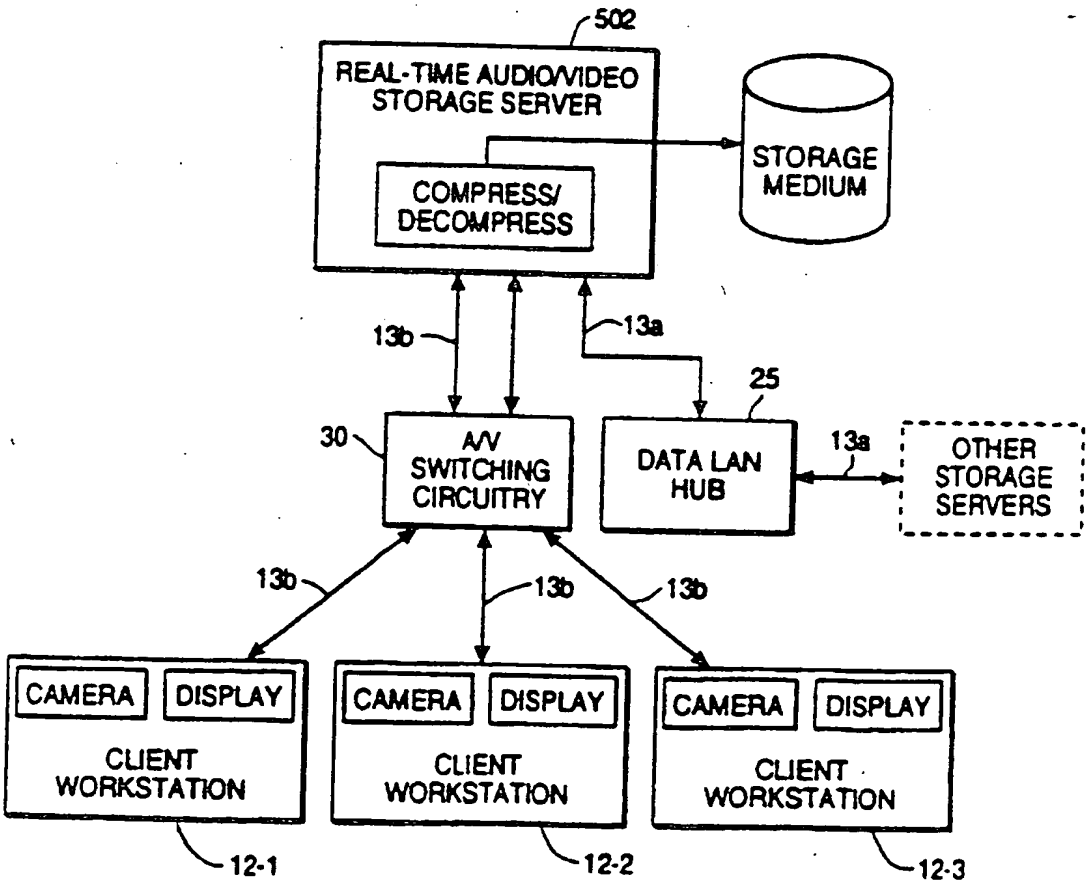


FIGURE 31B

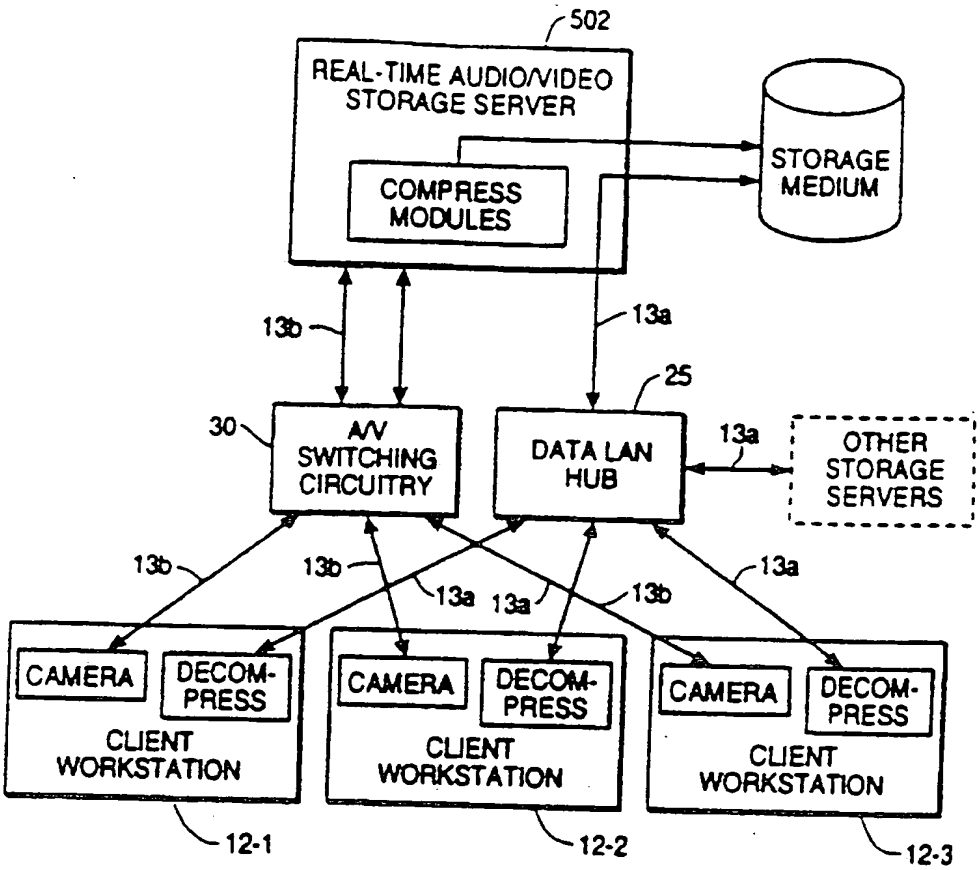


FIGURE 31C

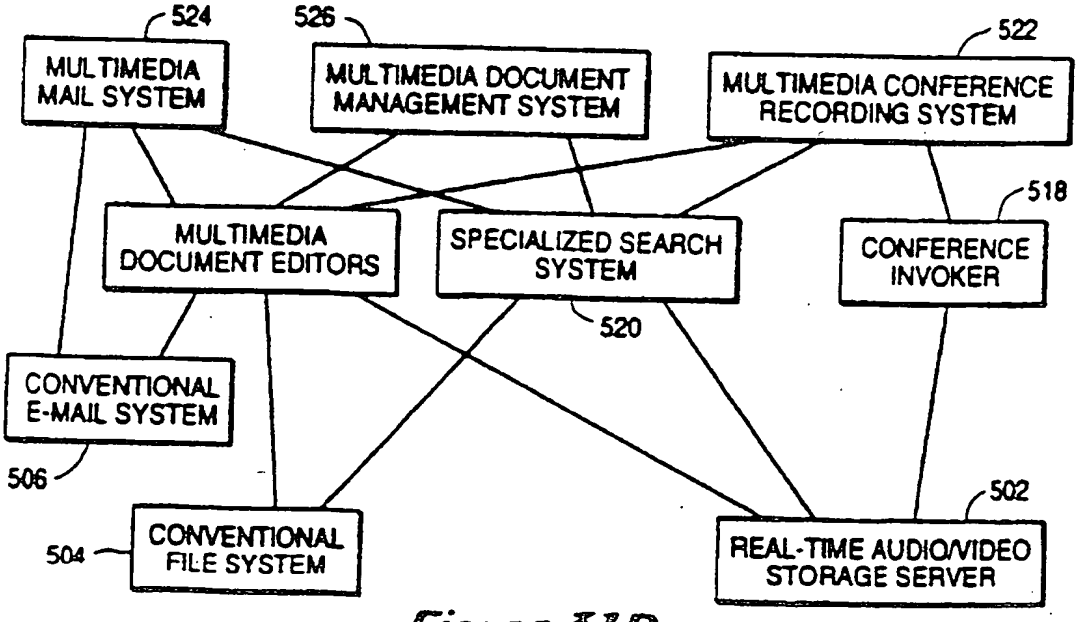


FIGURE 31D

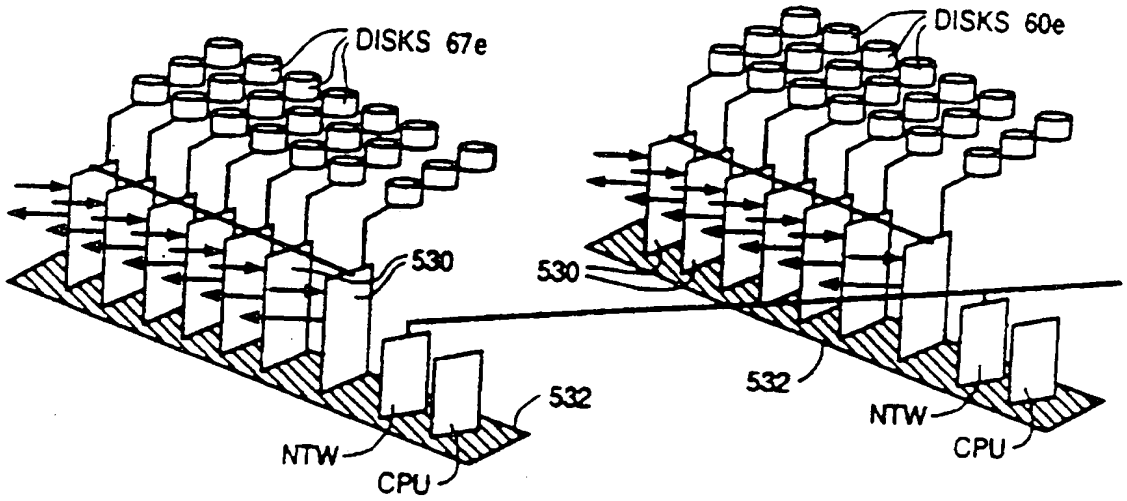


FIGURE 32

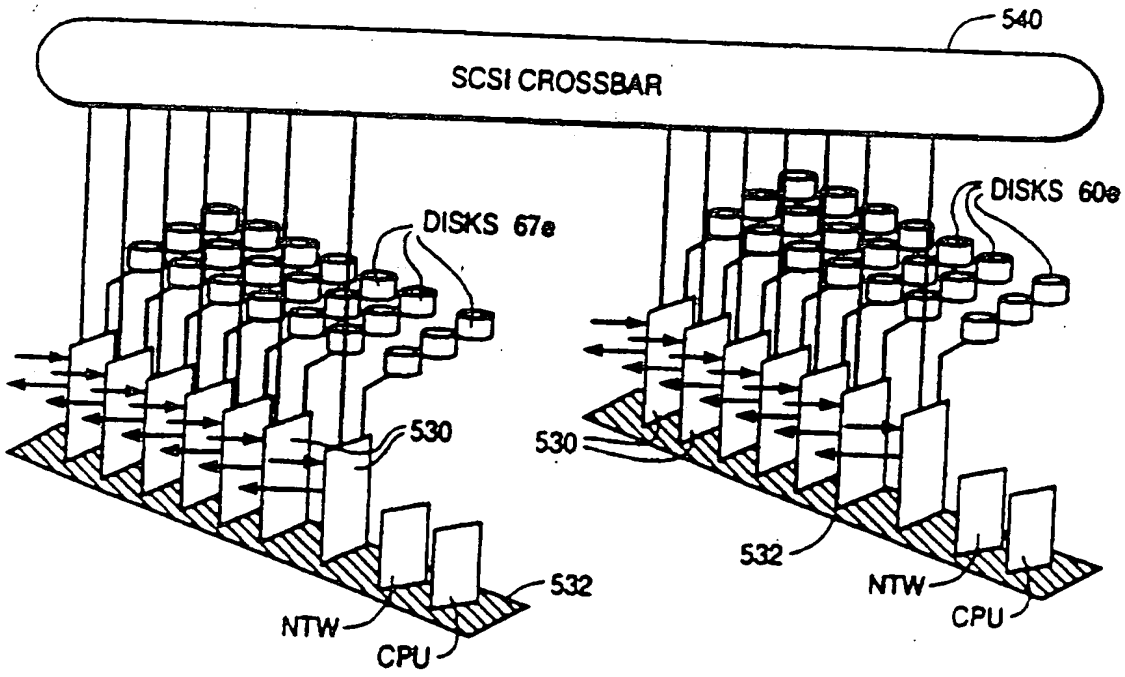


FIGURE 33

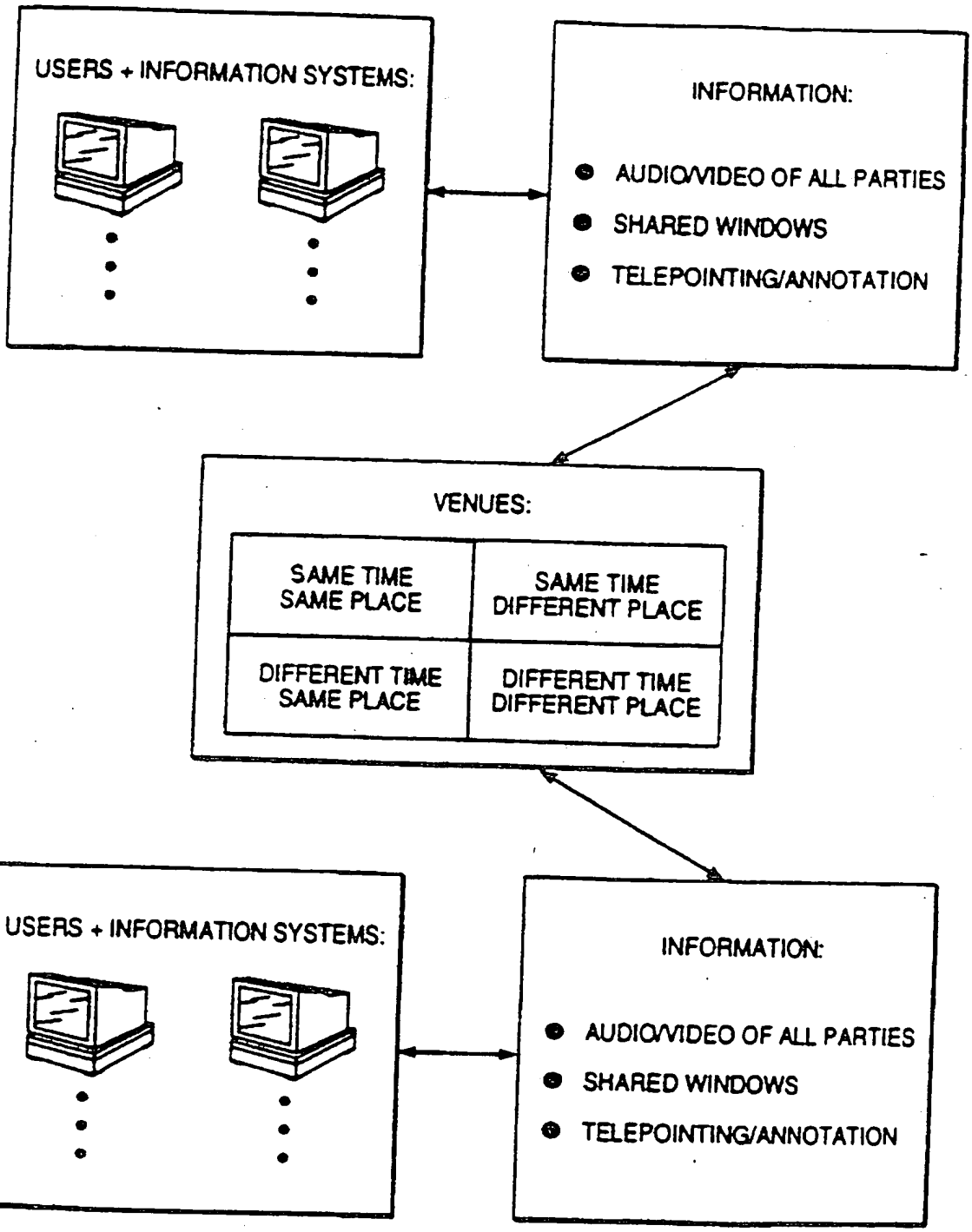
USERS + INFORMATION SYSTEMS:
INFORMATION:
AUDIO/VIDEO OF ALL PARTIES
SHARED WINDOWS
TELEPOINTING/ANNOTATION
VENUES:
SAME TIME SAME PLACE
SAME TIME DIFFERENT PLACE
DIFFERENT TIME SAME PLACE
DIFFERENT TIME DIFFERENT PLACE
USERS + INFORMATION SYSTEMS:
INFORMATION:
AUDIO/VIDEO OF ALL PARTIES
SHARED WINDOWS
TELEPOINTING/ANNOTATION

FIGURE 34

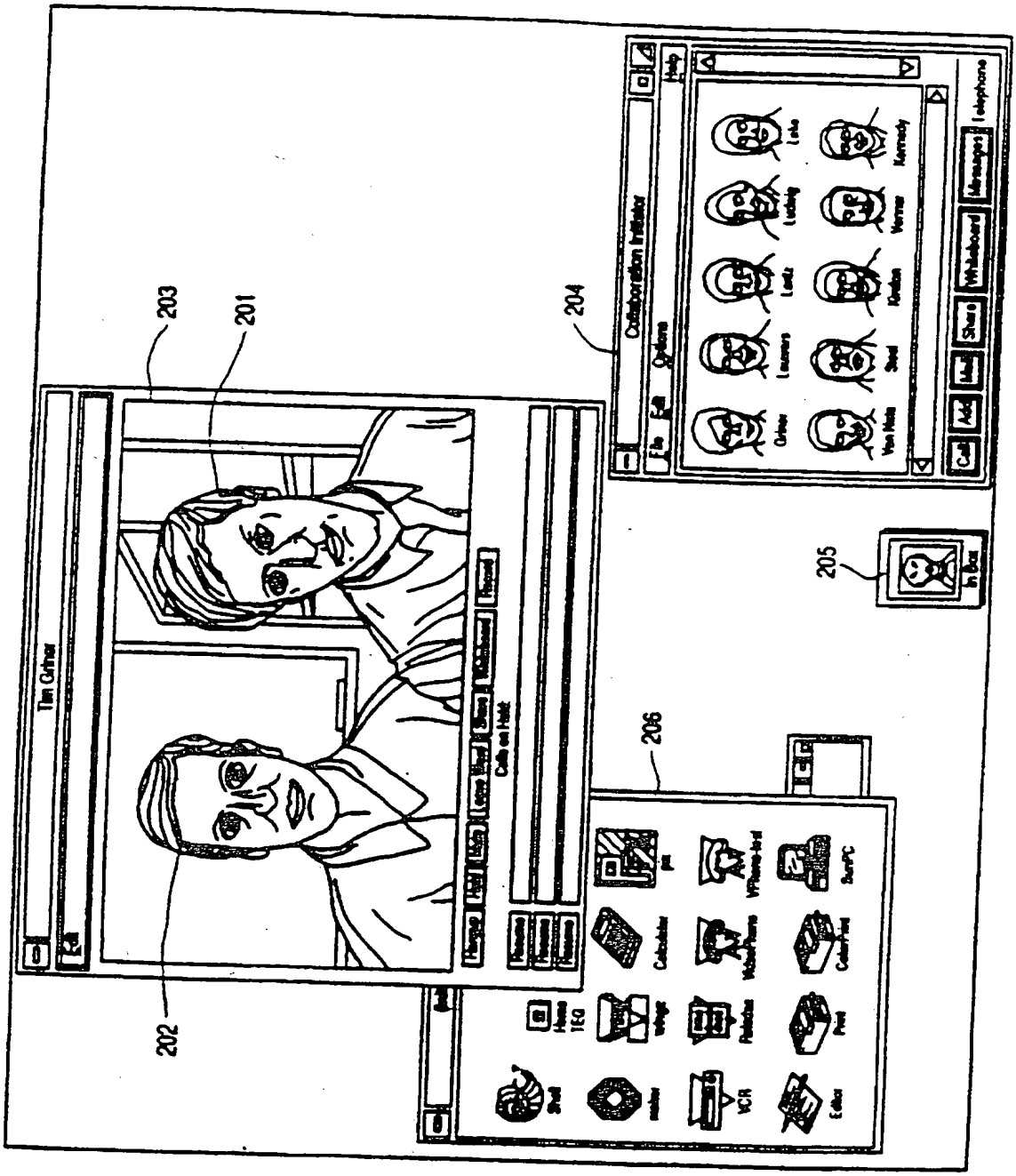
203
201
204
205
206
202
Tim Ortner
Collaboration Initiator
Help
File
Edit
Options
Call
Add
Mail
Share
Whiteboard
Messages
Telephone
In Box

FIGURE 35

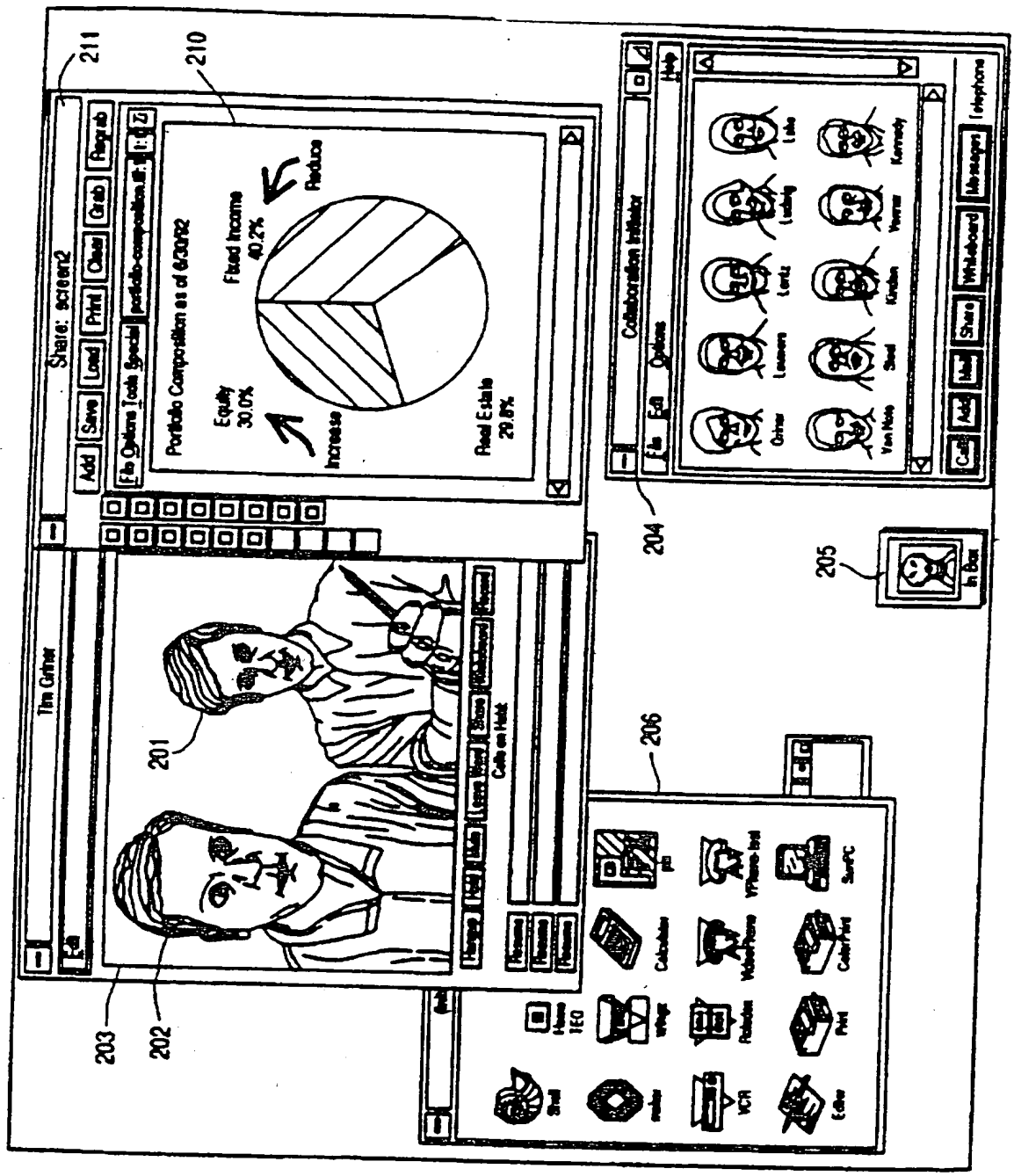
211
210
Share: screen2
Add
Save
Load
Print
Clear
Grab
Playback
File Options Tools Special
portfolio-composition.gif
Portfolio Composition as of 6/30/02
Fixed Income
40.2%
Reduce
Equity
30.0%
Increase
Real Estate
29.8%
Collaboration Initiator
File Edit Options
Help
Call
Add
Mail
Share
Whiteboard
Messages
Telephone
Tim Cotner
File
Hangup
Hold
Mute
Listen Word
Share
Whiteboard
Record
Call on Hold
Answer
Answer
Answer
204
205
206
201
203
202

FIGURE 36

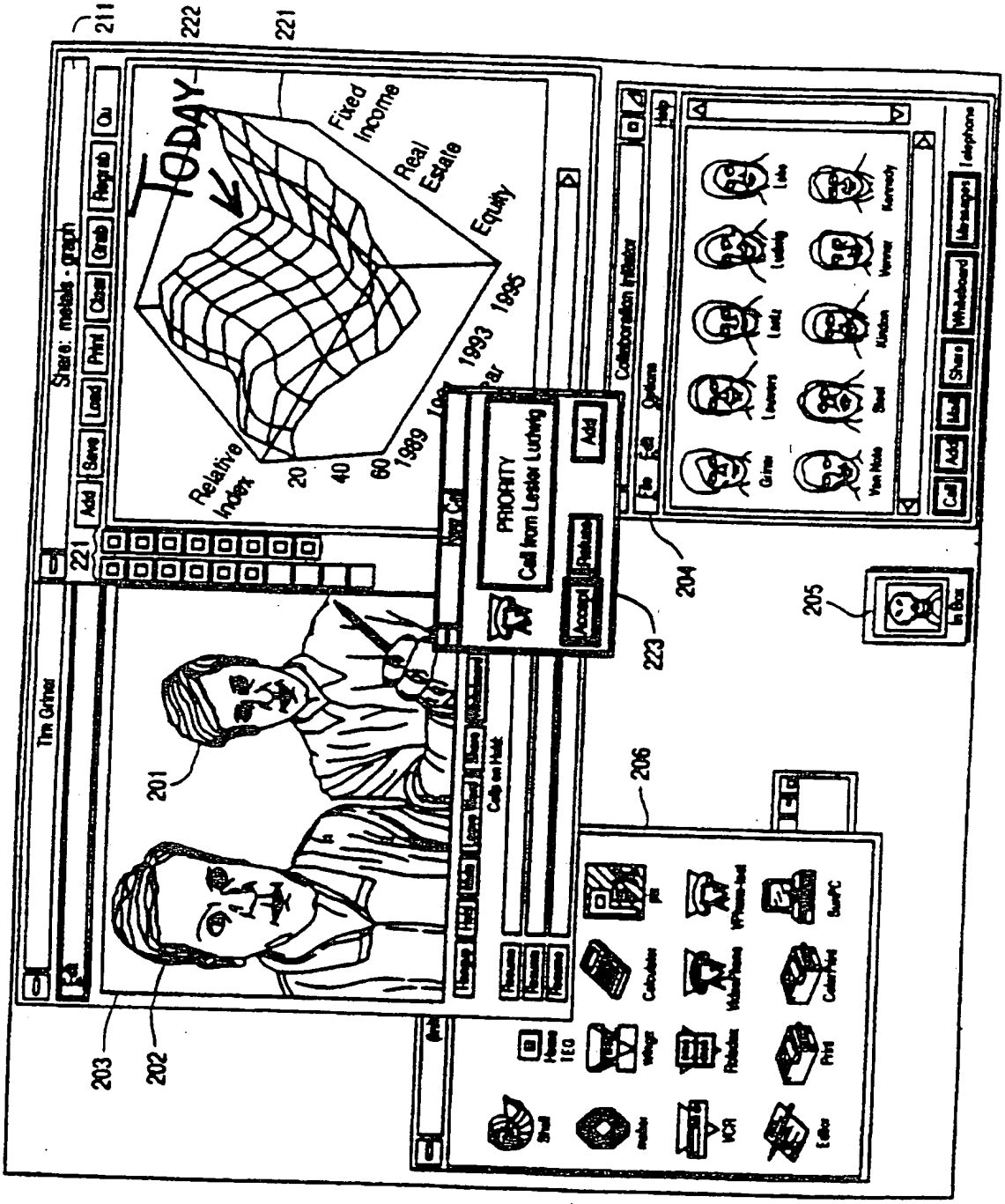
211
222
221
TODAY
Fixed Income
Real Estate
Equity
1985
1993
1989
Relative Index
20
40
60
Share: metals - graph
Add
Save
Load
Print
Close
Grab
Assign to
Ou
Tim Ortner
Exit
221
PRIORITY
Call from Leslie Ludwig
Add
Accept
Reject
Next Call
Collaboration Initiator
File
Edit
Options
Help
Call
Add
Mail
Share
Whiteboard
Messages
Telephone
204
205
In Box
223
206
201
202
203

FIGURE 37

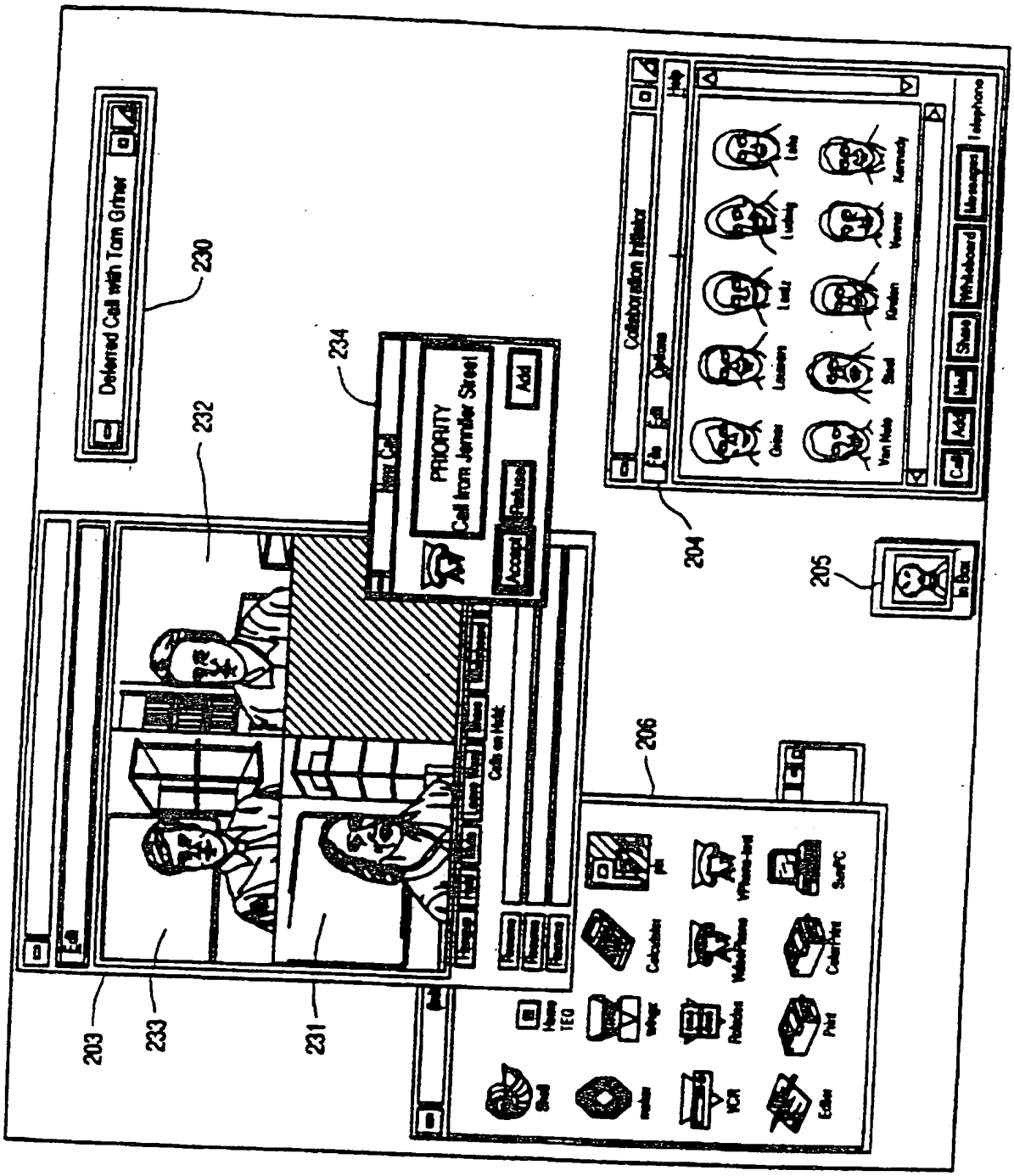
Deferred Call with Tom Grimer
230
232
234
PRIORITY
Call from Jennifer Street
Add
Accept
Reject
204
205
206
203
233
231

FIGURE 38

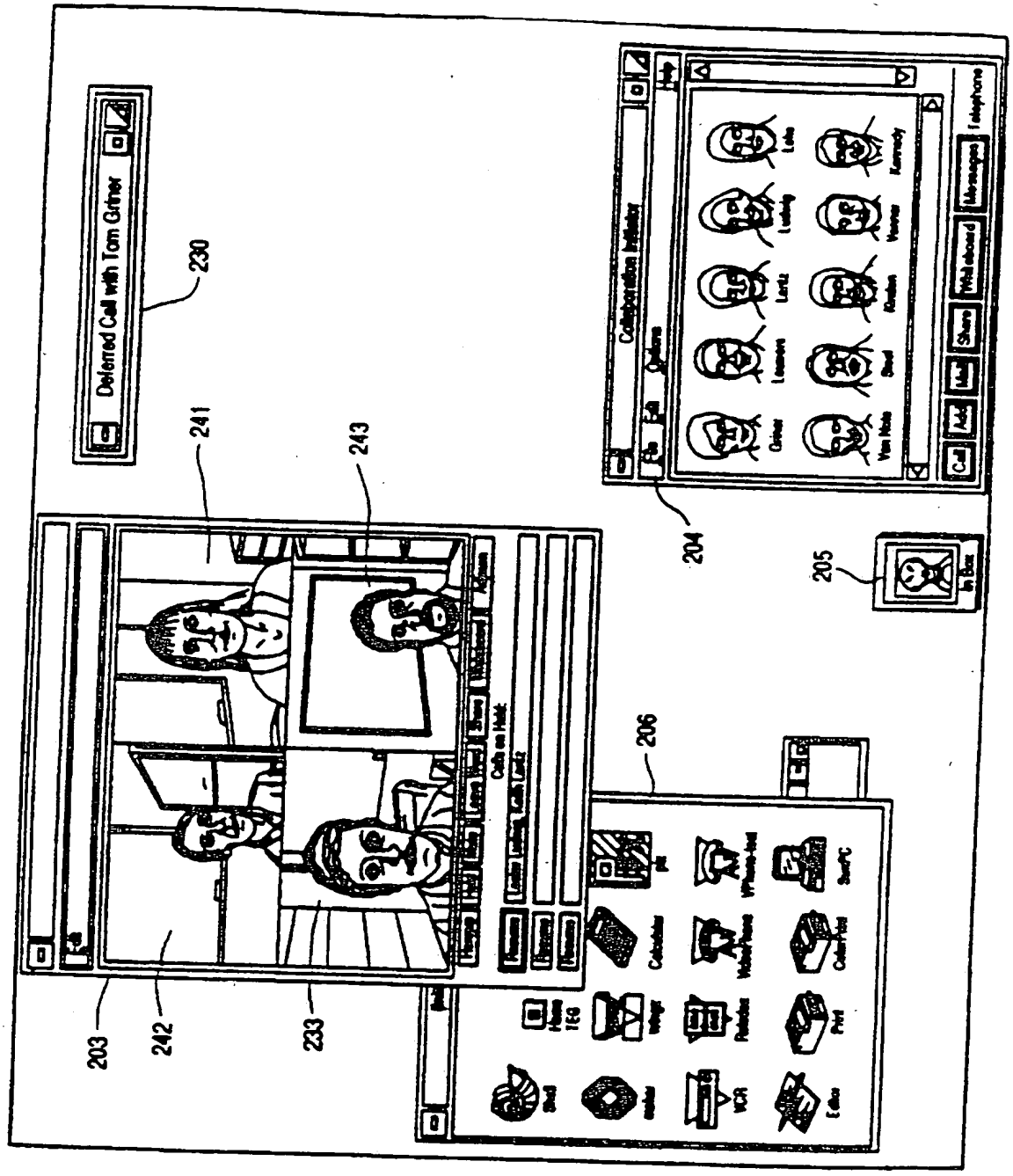
Deferred Call with Tom Griner
230
241
243
204
205
206
203
242
233

FIGURE 39

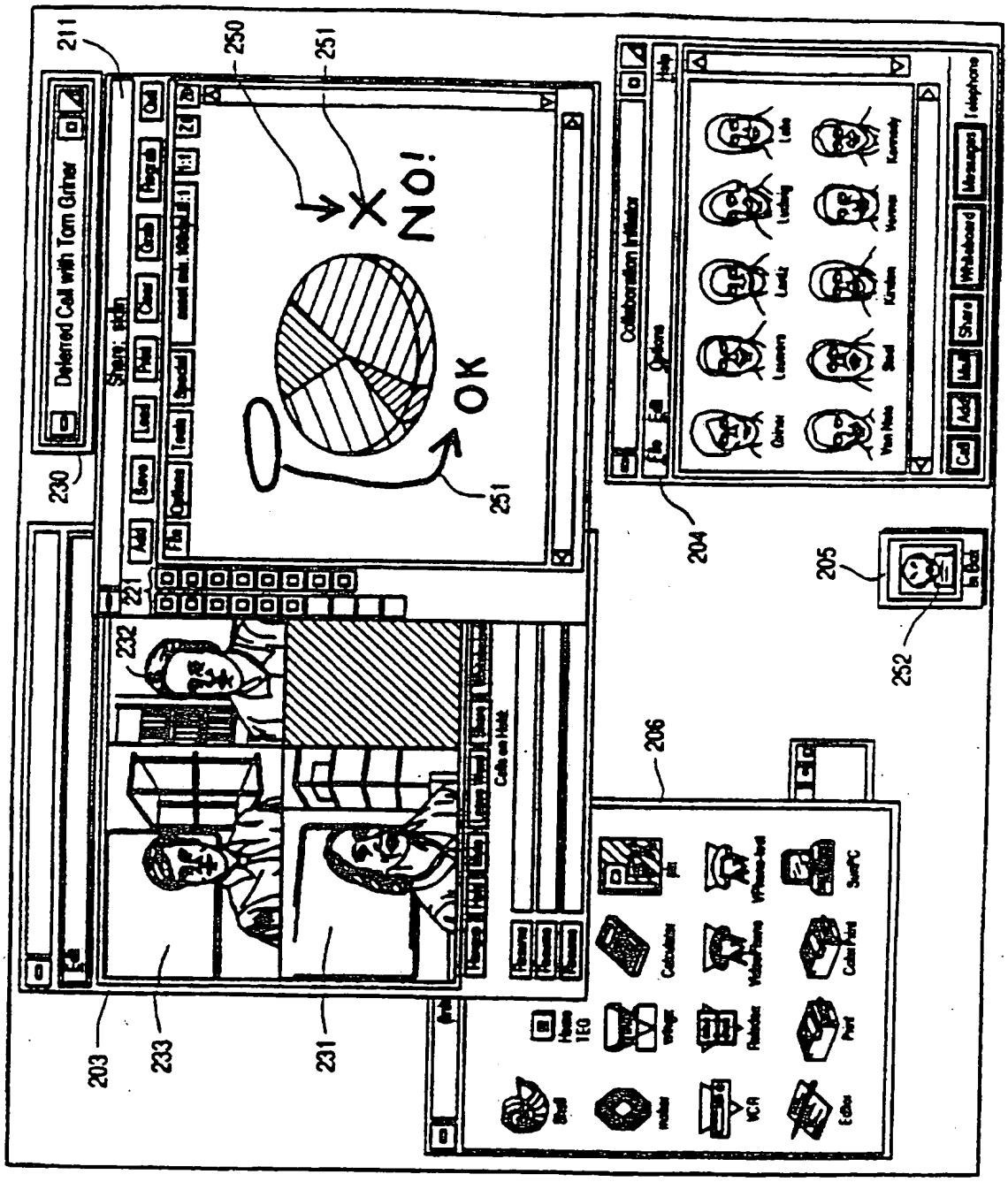
211
250
251
NO!
OK
230
204
205
252
206
203
233
231
232
221
Deferred Call with Tom Grimer
Collaboration Initiator

FIGURE 40

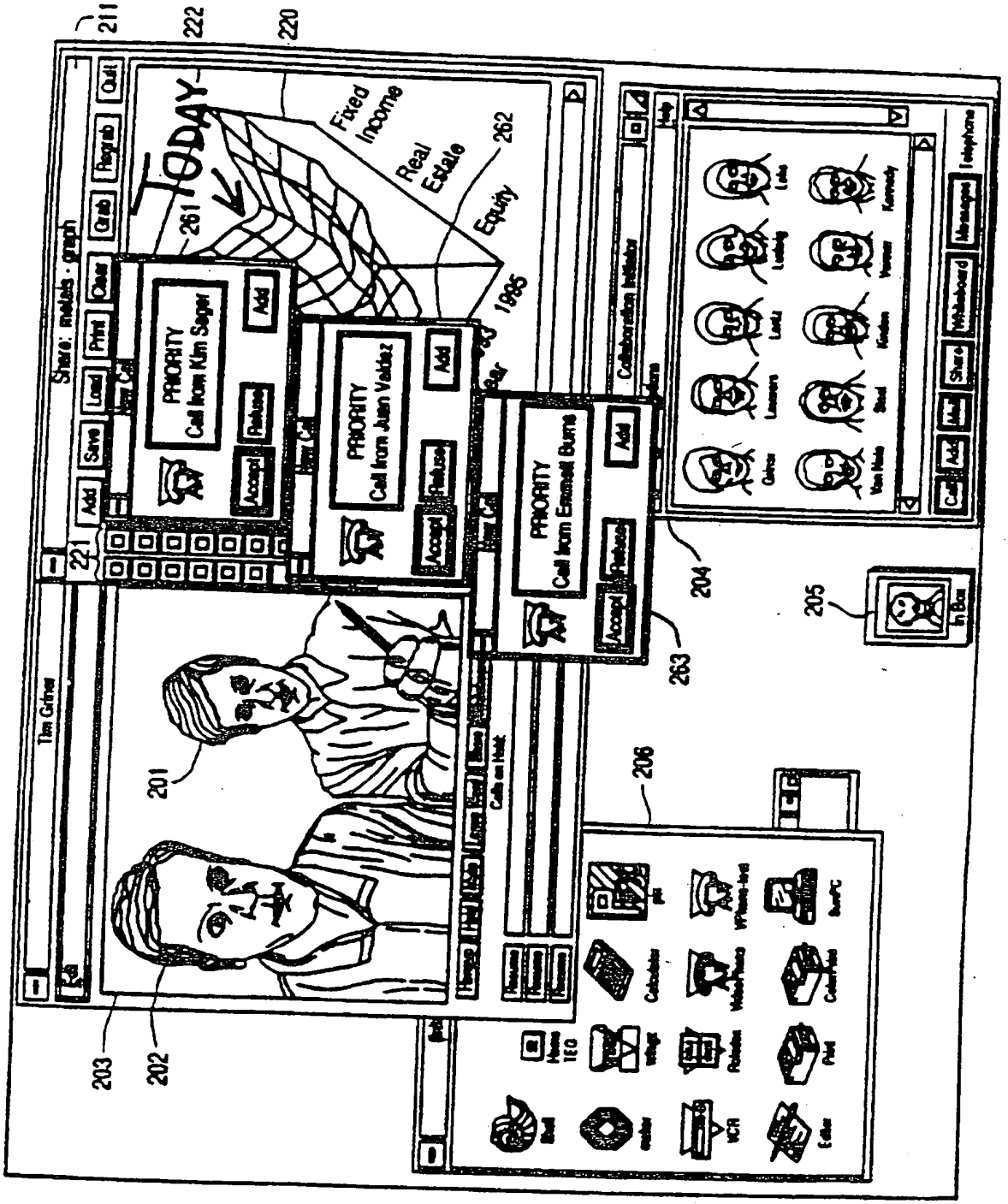
211
222
220
TODAY
Fixed Income
Real Estate
Equity
262
261
1995
PRIORITY
Call from Kim Sagar
PRIORITY
Call from Juan Valdez
PRIORITY
Call from Emmett Burns
Add
Accept
Reject
221
204
205
263
206
201
203
202

FIGURE 41

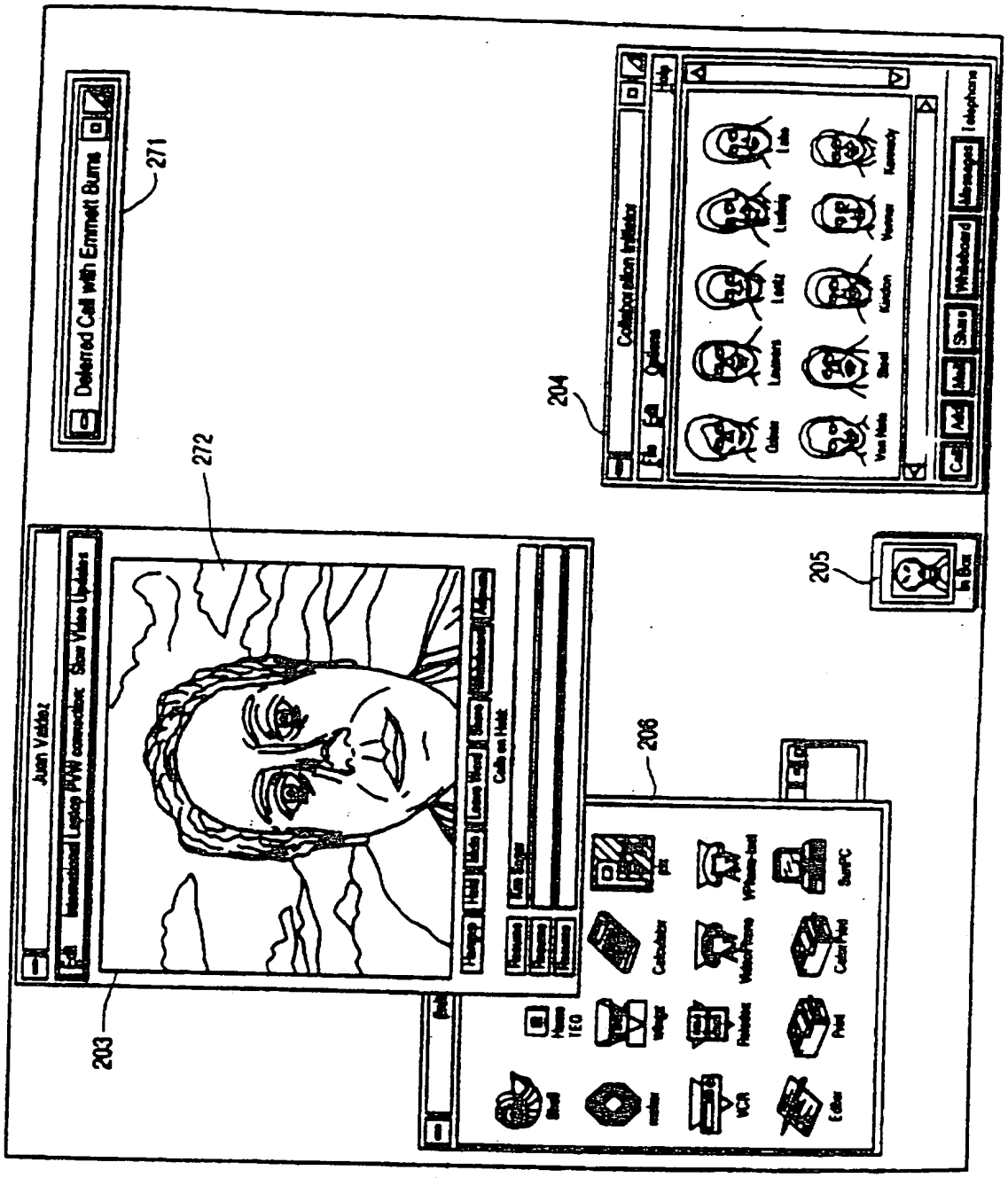


FIGURE 42